

CONTRACT PLANS COMPONENTS

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
LIGHTING PLANS
STRUCTURE PLANS

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3 - 4	SUMMARY OF PAY ITEMS
5	DRAINAGE MAP
6 - 9	TYPICAL SECTION
10	SUMMARY OF DRAINAGE STRUCTURES
11 - 13	PROJECT CONTROL
14 - 15	GENERAL NOTES
16 - 17	PLAN & PROFILE
18 - 19	DRAINAGE STRUCTURES
20 - 26	TEMPORARY TRAFFIC CONTROL PLANS
27	UTILITY ADJUSTMENT
28 - 32	SUMMARY OF QUANTITIES

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2025-26 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

APPLICABLE IRs:

Standard Plans for Bridge Construction are included in the Structures Plans Component

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY 2025-26 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

FINANCIAL PROJECT ID 436656-1-52-01

POLK COUNTY (16929015)
NEW YORK AVENUE PEDESTRIAN OVERPASS
FROM MAIN STREET TO LAKE WIRE DRIVE

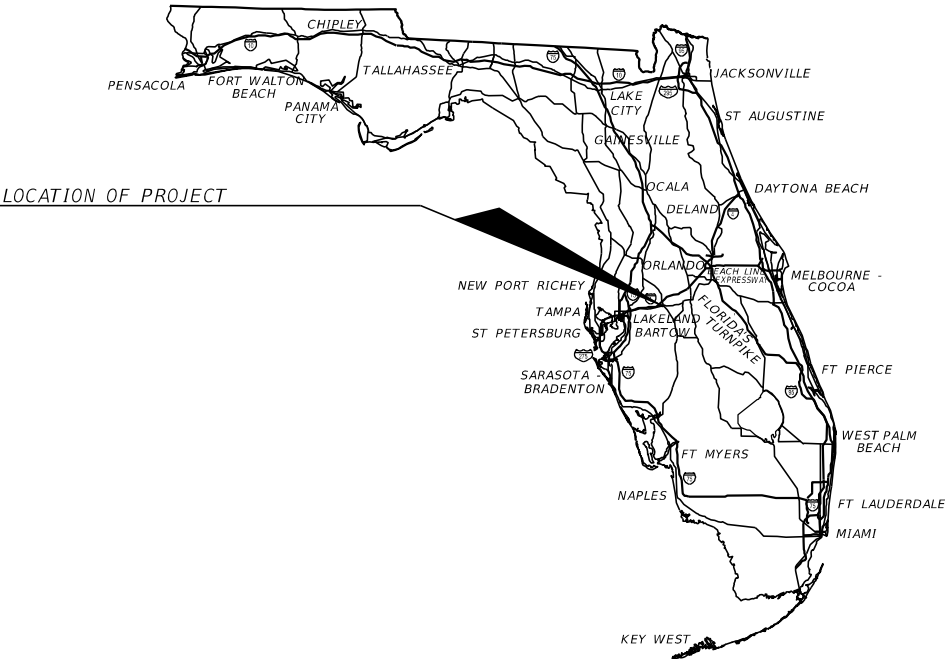
PROJECT LOCATION URL: <https://goo.gl/maps/WEnjv7B3ok4XN7Vj7>

PROJECT LIMITS: BEGIN PROJECT 10+63.35
END PROJECT 14+77.56

EXCEPTIONS: NONE

BRIDGE LIMITS: NEW YORK AVENUE PEDESTRIAN
OVERPASS AT CSX RAILROAD

RAILROAD CROSSING: CSX CROSSING NUMBER 976925H
RR MP A 851.01



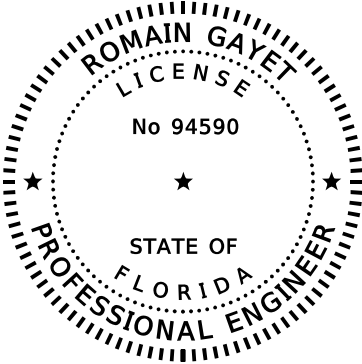
ROADWAY PLANS
ENGINEER OF RECORD:

ROMAIN GAYET, P.E. NO.: 94590
JACOBS ENGINEERING GROUP, INC.
200 S. ORANGE AVENUE, SUITE 900
ORLANDO, FL 32801
407-903-5001
CONTRACT NO.: C9J72
VENDOR NO.: 95-4081636

FDOT PROJECT MANAGER:

RICHARD HOWARD Jr., P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
E1W98	26	1



THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY

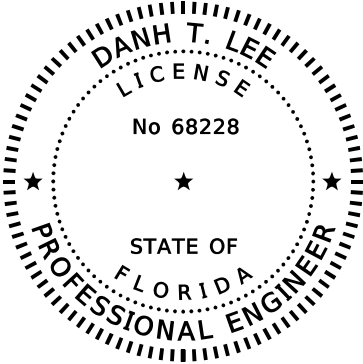
ON THE DATE ADJACENT TO THE SEAL

SIGNATURE MUST BE VERIFIED
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JACOBS ENGINEERING GROUP, INC.
200 S. ORANGE AVENUE, SUITE 900
ORLANDO, FL 32801
ROMAIN GAYET, P.E. NO 94590

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
1	KEY SHEET
2	SIGNATURE SHEET
3 - 4	SUMMARY OF PAY ITEMS
6 - 9	TYPICAL SECTION
11 - 13	PROJECT CONTROL
14 - 15	GENERAL NOTES
16 - 17	PLAN & PROFILE
27	UTILITY ADJUSTMENT
28 - 32	SUMMARY OF QUANTITIES



THIS ITEM HAS BEEN DIGITALLY
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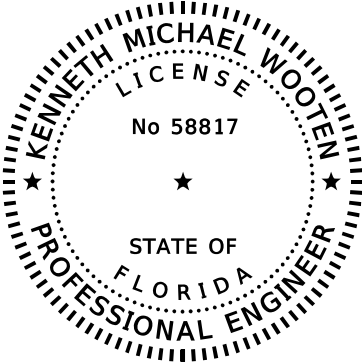
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JACOBS ENGINEERING GROUP, INC.
200 S. ORANGE AVENUE, SUITE 900
ORLANDO, FL 32801
DANH T. LEE, P.E. NO 68228

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
2	SIGNATURE SHEET
5	DRAINAGE MAP
10	SUMMARY OF DRAINAGE STRUCTURES
18 - 19	DRAINAGE STRUCTURES



THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY

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JACOBS ENGINEERING GROUP, INC.
200 S. ORANGE AVENUE, SUITE 900
ORLANDO, FL 32801
KENNETH MICHAEL WOOTEN, P.E. NO 58817

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
2	SIGNATURE SHEET
20 - 26	TEMPORARY TRAFFIC CONTROL PLANS

REVISIONS				ROMAIN GAYET, P.E. P.E. LICENSE NO.: 94590 JACOBS ENGINEERING GROUP, INC. 200 S. ORANGE AVENUE, SUITE 900 ORLANDO, FL 32801	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					N/A	POLK	436656-1-52-01		
									2

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 436656-1-52-01						
LEAD PROJECT : 436656-1-52-01			DISTRICT : 01		COUNTY/SECTION :	
PROJECT(S) : 43665615201			COUNTY : POLK			
0100 SUMMARY OF STRUCTURES						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	43665615201	QUANTITY TOTAL
		0400- 4- 5	CONCRETE CLASS IV, BRIDGE SUBSTRUCTURE	CY	429.600	429.600
		0400- 4- 25	CONCRETE CLASS IV, MASS, SUBSTRUCTURE	CY	469.800	469.800
		0400-148-	PLAIN NEOPRENE BEARING PADS	CF	8.700	8.700
		0415- 1- 4	REINFORCING STEEL- BRIDGE SUPERSTRUCTURE	LB	2664.000	2664.000
		0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB	229050.000	229050.000
		0450- 3- 83	PRESTRESSED SLAB UNITS, WIDTH 79", THICKNESS 10"	LF	898.000	898.000
		0455- 15- 14	PREFORMED PILE HOLES, 24" TO 29" DRILL/PUNCH SIZE	LF	908.000	908.000
		0455- 15- 24	PREFORMED PILE HOLES CASING, 24" TO 29" DRILL/PUNCH SIZE	LF	908.000	908.000
		0455- 20- 1	PILE INSPECTION, DRIVEN PILE	EA	46.000	46.000
		0455- 35- 22	STEEL PILING, 24" DIA. PIPE	LF	3826.000	3826.000
		0455- 88- 8	DRILLED SHAFT, 54" DIA	LF	113.000	113.000
		0455-115-	PILE REDRIVE	EA	6.000	6.000
		0455-120- 7	PILE POINT PROTECTION, 24" ROUND	EA	46.000	46.000
		0455-122- 8	EXCAVATION UNCLASSIFIED SHAFT, 54" DIA	LF	116.000	116.000
		0455-137	LOAD TEST (DYNAMIC), DATA COLLECTION AND ANALYSIS	EA	46.000	46.000
		0455-137- 2	LOAD TEST (DYNAMIC), VERIFICATION TEST	EA	2.000	2.000
		0455-144- 22	TEST PILES - STEEL, 24" DIA PIPE	LF	1070.000	1070.000
		0455-147- 2	THERMAL INTEGRITY TESTING, 4.5-6" SHAFT DIAMETER	EA	1.000	1.000
		0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF	495.000	495.000
		0460- 7-	PREFABRICATED STEEL PEDESTRIAN BRIDGE	SF	1608.000	1608.000
		0515- 2-331	PEDESTRIAN / BICYCLE RAILING, ALUMINUM, 48" TYPE 1	LF	2261.000	2261.000
		0548- 12-	RETAINING WALL SYSTEM, PERMANENT, EXCLUDING BARRIER	SF	2230.000	2230.000
		0563- 3-	ANTI-GRAFFITI COATING, SACRIFICIAL	SF	23274.000	23274.000
		0918-349-100	ULTRA HIGH PERFORMANCE CONCRETE (UHPC)	CY	9.200	9.200

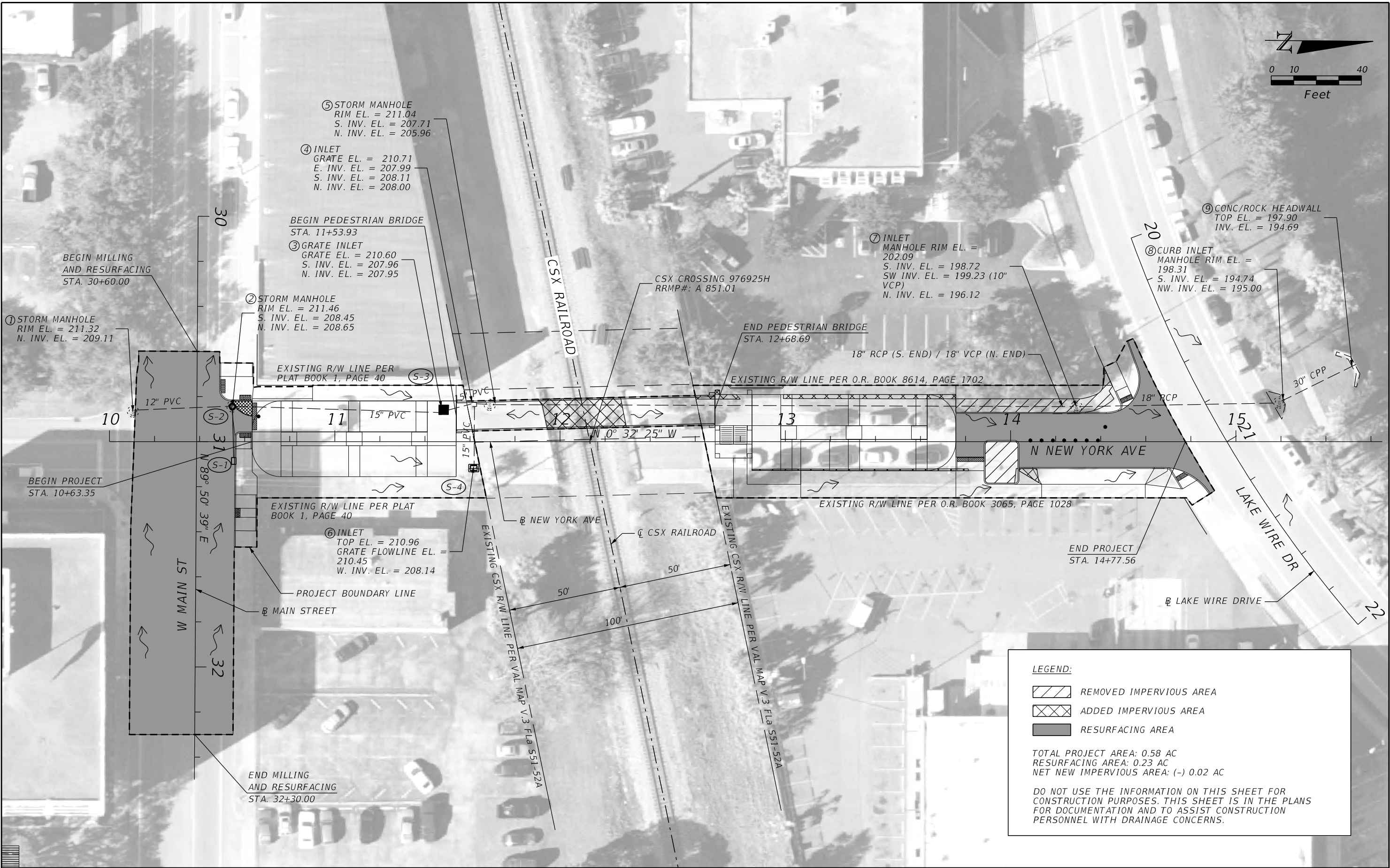
FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 436656-1-52-01						
LEAD PROJECT : 436656-1-52-01			DISTRICT : 01	COUNTY/SECTION :		
PROJECT(S) : 43665615201			COUNTY : POLK			
0200 SUMMARY OF ROADWAY						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	43665615201	QUANTITY TOTAL
		0101- 1-	MOBILIZATION	LS	1.000	1.000
		0102- 1-	MAINTENANCE OF TRAFFIC	LS	1.000	1.000
		0102- 4- 1	PEDESTRIAN OR BICYCLE SPECIAL DETOUR	LS	1.000	1.000
		0102- 60-	WORK ZONE SIGN	ED	31205.000	31205.000
		0102- 71- 16	CHANNELIZING BARRIER- F&I, FREESTANDING	LF	100.000	100.000
		0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	10820.000	10820.000
		0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	81280.000	81280.000
		0102- 89- 1	TEMPORARY CRASH CUSHION	LO	1.000	1.000
		0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	2115.000	2115.000
		0102- 115-	TYPES III BARRICADE	ED	6345.000	6345.000
		0104- 10- 3	SEDIMENT BARRIER	LF	371.000	371.000
		0104- 18-	INLET PROTECTION SYSTEM	EA	5.000	5.000
		0107- 1-	LITTER REMOVAL	AC	0.330	0.330
		0107- 2-	MOWING	AC	0.020	0.020
		0108- 1-	MONITOR EXISTING STRUCTURES - INSPECTION AND SETTLEMENT MONITORING	LS	1.000	1.000
		0108- 2-	MONITOR EXISITING STRUCTURES- VIBRATION MONITORING	LS	1.000	1.000
		0110- 1- 1	CLEARING AND GRUBBING	AC	0.330	0.330
		0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	558.000	558.000
		0120- 73-100	LIGHTWEIGHT AGGREGATE FILL	CY	50.933	50.933
		0160- 4-	TYPE B STABILIZATION	SY	11.900	11.900
		0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	5.000	5.000
		0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT , 1 1/2" AVG DEPTH	SY	1127.000	1127.000
		0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	93.390	93.390
		0425- 1-201	INLETS, CURB, TYPE 9, <10'	EA	1.000	1.000
		0425- 1-525	INLETS, DITCH BOTTOM, TYPE C, PARTIAL	EA	1.000	1.000
		0425- 11-	MODIFY EXISTING DRAINAGE STRUCTURE	EA	1.000	1.000
		0425- 78-	INLET CAP, PRECAST	EA	1.000	1.000
		0430-175-115	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 15"S/CD	LF	21.000	21.000
		0519- 78-	BOLLARDS	EA	9.000	9.000
		0520- 2- 4	CONCRETE CURB, TYPE D	LF	253.000	253.000
		0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	528.000	528.000
		0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	118.000	118.000
		0527- 2-	DETECTABLE WARNINGS	SF	108.000	108.000
		0550- 10-222	FENCING, TYPE B, 5.1-6.0, W/ VINYL COATING	LF	210.00	210.000
		0570- 1- 2	PERFORMANCE TURF, SOD	SY	111.000	111.000
		0580- 8-15	LANDSCAPE- TREE PRUNING/TRIMMING, MECHANICAL, 24" AND GREATER DBH	EA	2.000	2.000
		0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	93.000	93.000

REVISIONS				ROMAIN GAYET, P.E. P.E. LICENSE NO.: 94590 JACOBS ENGINEERING GROUP, INC. 200 S. ORANGE AVENUE, SUITE 900 ORLANDO, FL 32801	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS	SHEET NO.
DATE	DESCRIPTION		DATE		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					N/A	POLK	436656-1-52-01		
									3

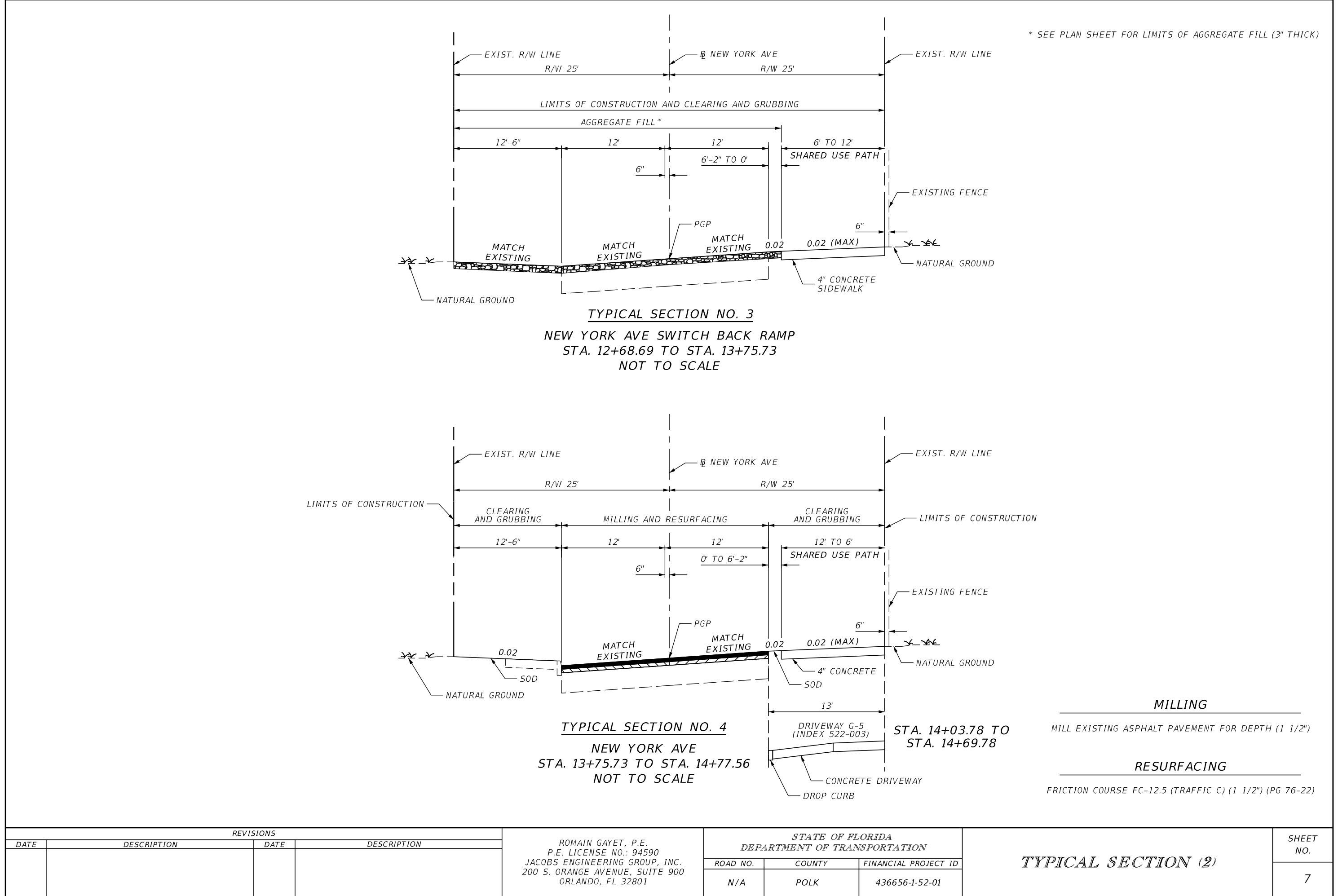
FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 436656-1-52-01						
LEAD PROJECT : 436656-1-52-01			DISTRICT : 01	COUNTY/SECTION :		
PROJECT(S) : 43665615201			COUNTY : POLK			
0300 SUMMARY OF SIGNING						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	43665615201	QUANTITY TOTAL
		654- 2- 12	MIDBLOCK CROSSWALK: RECTANGULAR RAPID FLASHING BEACON, F&I-AC COMPLETE SIGN ASSEMBLY-BACK TO BACK	AS	4.000	4.000
		700- 1- 111	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	EA	16.000	16.000
		700- 1- 500	SINGLE POST SIGN, RELOCATE	EA	2.000	2.000
		700- 1- 600	SINGLE SIGN POST, REMOVE	EA	7.000	7.000
		706- 1- 3	RAISED PAVEMENT MARKER, TYPE B, YELLOW/YELLOW	EA	18.000	18.000
		710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1.000	1.000
		711- 11- 123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	236.000	236.000
		711- 11- 125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	19.000	19.000
		711- 11- 141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE	GM	0.049	0.049
		711- 11- 160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL / 6-10 GAP EXTENSION, 6"	EA	5.000	5.000
		711- 11- 170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	6.000	6.000
		711- 11- 224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON 18"	LF	60.000	60.000
		711- 14- 125	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON 18"	LF	305.000	305.000
		711- 16- 101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID 6"	GM	0.246	0.246
		711- 16- 201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID 6"	GM	0.070	0.070

FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT SUMMARY OF PAY ITEMS FOR PROJECT: 436656-1-52-01						
LEAD PROJECT : 436656-1-52-01			DISTRICT : 01		COUNTY/SECTION :	
PROJECT(S) : 43665615201			COUNTY : POLK			
0400 SUMMARY OF LIGHTING						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	43665615201	QUANTITY TOTAL
		630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	414.000	414.000
		630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	60.000	60.000
		630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVE GROUND	LF	115.000	115.000
		630- 2- 16	CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS	LF	369.000	369.000
		635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	12.000	12.000
		635- 3- 12	JUNCTION BOX., FURNISH & INSTALL, MOUNTED	EA	1.000	1.000
		635- 3- 13	JUNCTION BOX., FURNISH & INSTALL, EMBEDDED	EA	52.000	52.000
		639- 1-122	ELECTRICAL POWER SERVICE, FURNISH & INSTALL, UNDERGROUND, PURCHASED BY CONTRACTOR FROM POWER COMPANY	AS	1.000	1.000
		715- 1- 11	LIGHTING CONDUCTORS, F&I, INSULATED, NO.10 OR <	LF	1317.000	1317.000
		715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	2919.000	2919.000
		715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED NO.4 TO NO 2'	LF	50.000	50.000
		715- 11-129	LUMINAIRE WITHOUT ARM OR POLE, F&I, UNDERDECK, SPECIAL DESIGN	EA	3.000	3.000
		715- 11-115	LUMINAIRE WITHOUT ARM OR POLE, F&I, ROADWAY, WALL MOUNT	EA	36.000	36.000
		715-511-112	LIGHT POLE COMPLETE - SPECIAL DESIGN, F&I FOUNDATION, SINGLE ARM, AL, 12'MH	EA	3.000	3.000
		715-511-114	LIGHT POLE COMPLETE - SPECIAL DESIGN, F&I FOUNDATION, SINGLE ARM, AL, 14'MH	EA	1.000	1.000
		715-500- 3	POLE CABLE DISTRIBUTION SYSTEM, WALL MOUNT	EA	36.000	36.000
		641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	1.000	1.000

REVISIONS				ROMAIN GAYET, P.E. P.E. LICENSE NO.: 94590 JACOBS ENGINEERING GROUP, INC. 200 S. ORANGE AVENUE, SUITE 900 ORLANDO, FL 32801	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS	SHEET NO.
DATE	DESCRIPTION		DATE		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					N/A	POLK	436656-1-52-01		
									4



REVISIONS				DANH T. LEE, P.E. P.E. LICENSE NO.: 68228 JACOBS ENGINEERING GROUP, INC. 200 S. ORANGE AVENUE, SUITE 900 ORLANDO, FL 32801	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE MAP	SHEET NO. 5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					N/A	POLK	436656-1-52-01		



* SEE PLAN SHEET FOR LIMITS OF AGGREGATE FILL (3" THICK)

TYPICAL SECTION NO. 3

**NEW YORK AVE SWITCH BACK RAMP
STA. 12+68.69 TO STA. 13+75.73
NOT TO SCALE**

TYPICAL SECTION NO. 4

**NEW YORK AVE
STA. 13+75.73 TO STA. 14+77.56
NOT TO SCALE**

MILLING

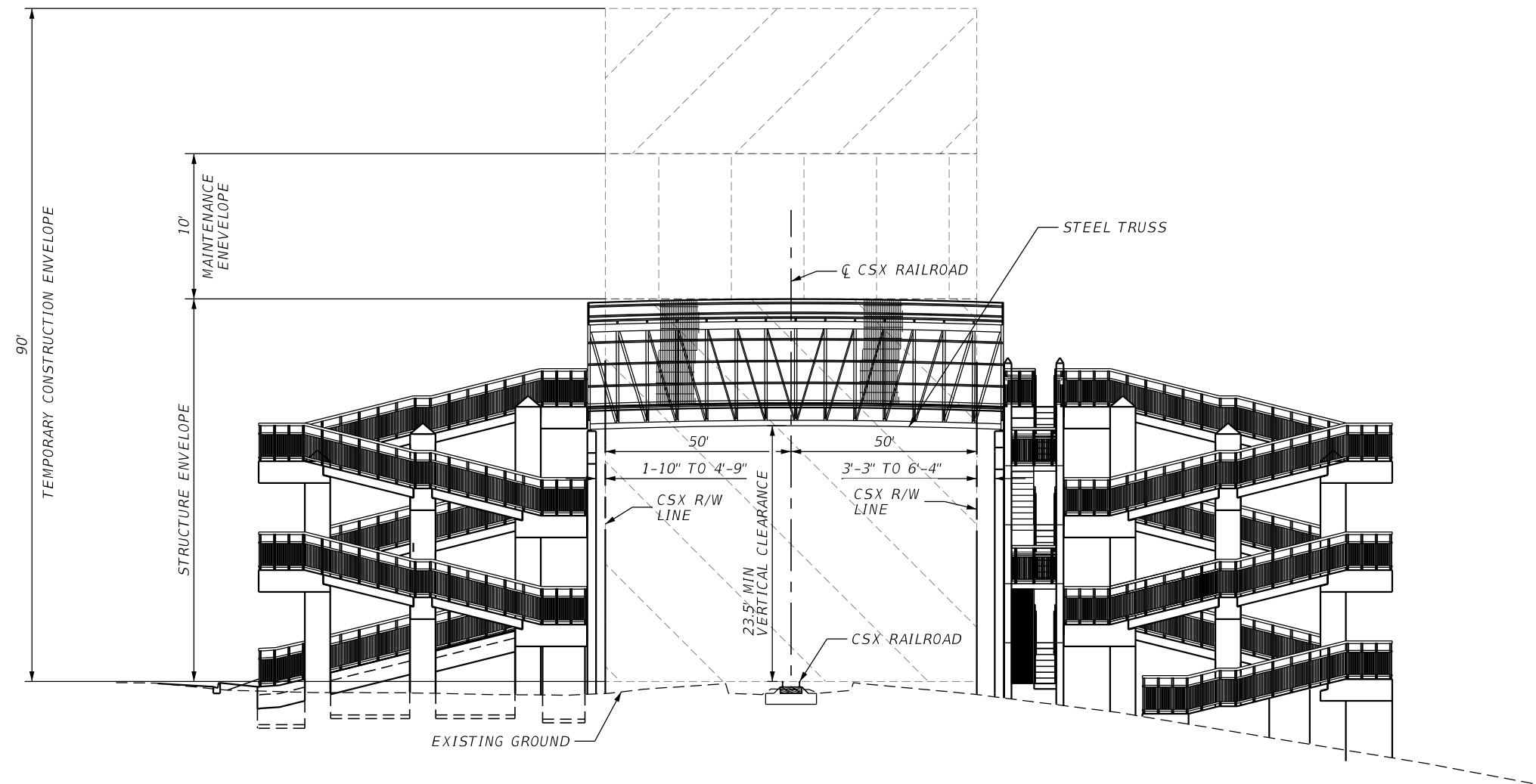
MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1 1/2")

RESURFACING

FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (PG 76-22)

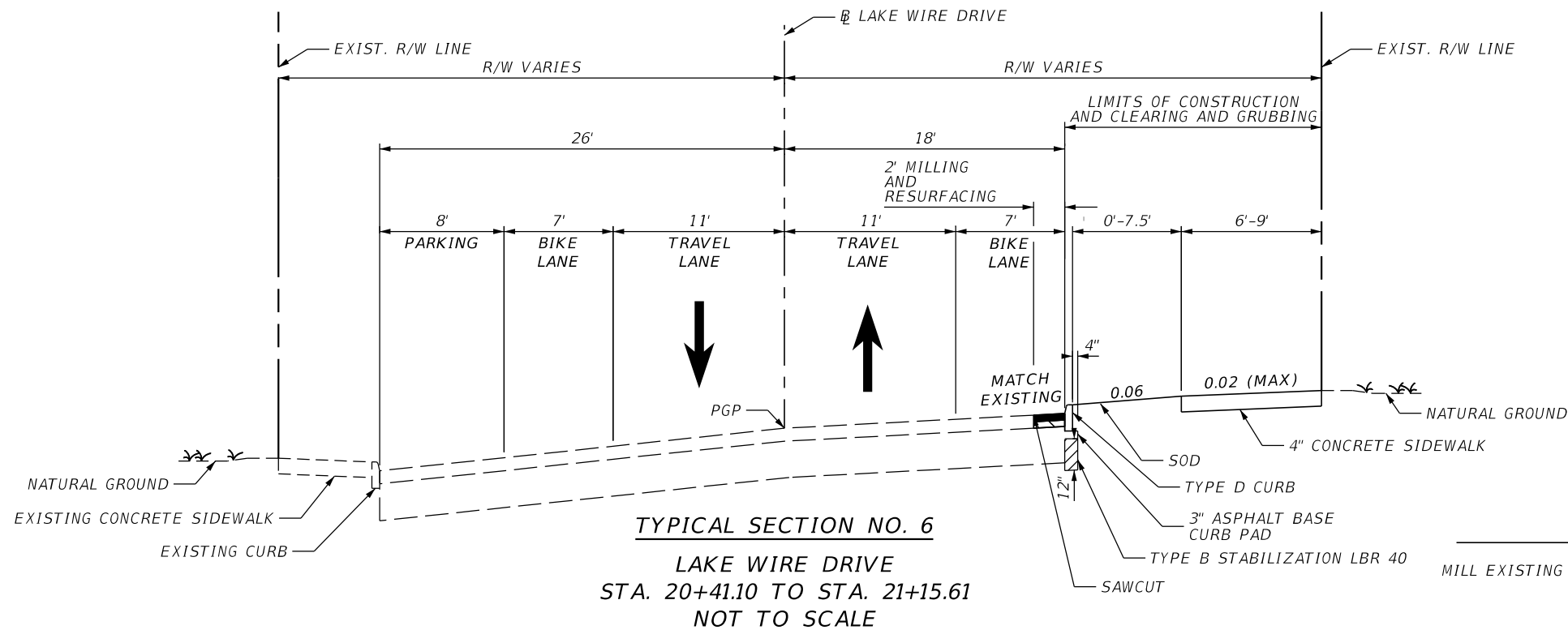
REVISIONS				ROMAIN GAYET, P.E. P.E. LICENSE NO.: 94590 JACOBS ENGINEERING GROUP, INC. 200 S. ORANGE AVENUE, SUITE 900 ORLANDO, FL 32801	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION (2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					N/A	POLK	436656-1-52-01		7

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



TYPICAL SECTION NO. 5
CSX RAILROAD PEDESTRIAN BRIDGE

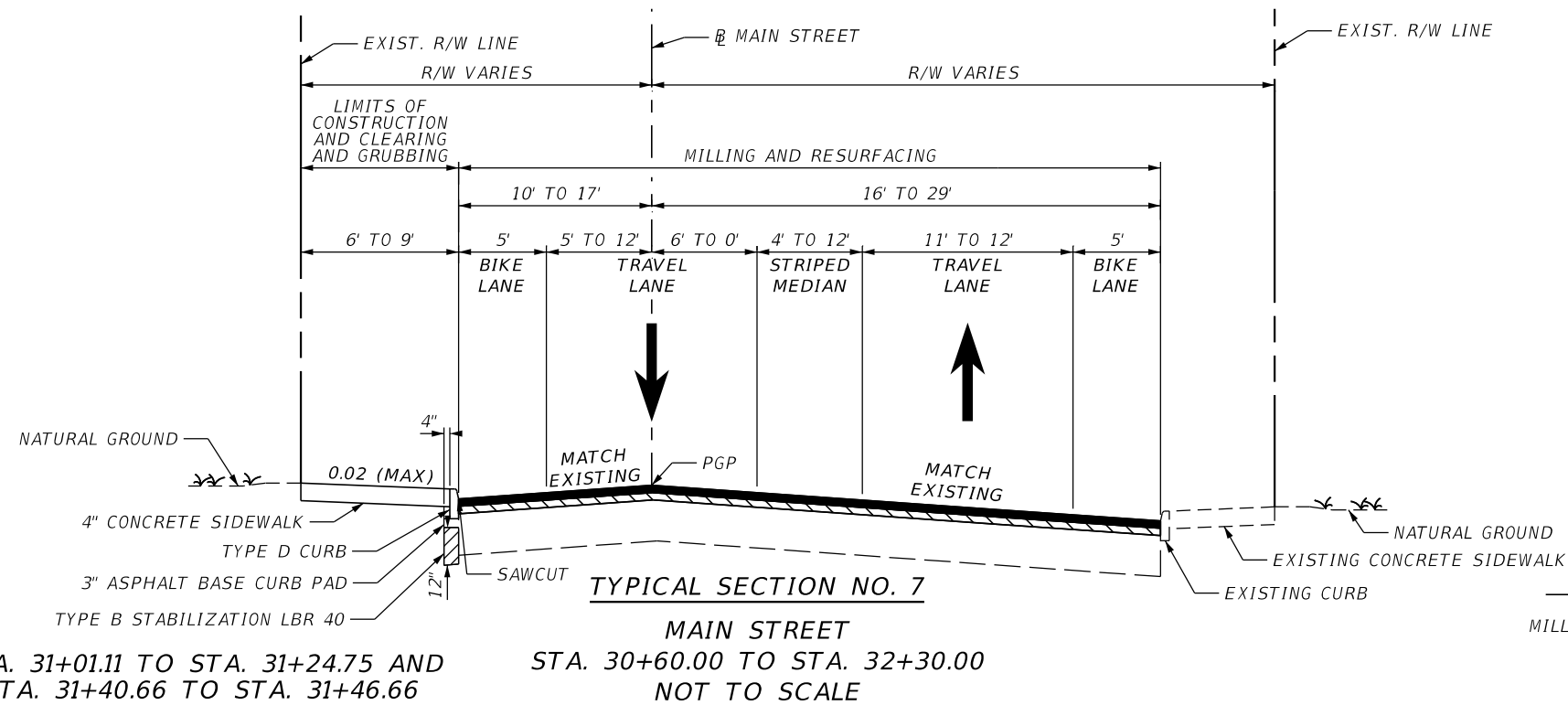
REVISIONS				ROMAIN GAYET, P.E. P.E. LICENSE NO.: 94590 JACOBS ENGINEERING GROUP, INC. 200 S. ORANGE AVENUE, SUITE 900 ORLANDO, FL 32801	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION (3)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		8
					N/A	POLK	436656-1-52-01		



NOTE:
1. STABILIZATION TO BE ADDED UNDER TYPE D CURB DURING EXCAVATION

MILLING
MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1 1/2")

RESURFACING
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (PG 76-22)



NOTE:
1. STABILIZATION TO BE ADDED UNDER TYPE D CURB DURING EXCAVATION

MILLING
MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1 1/2")

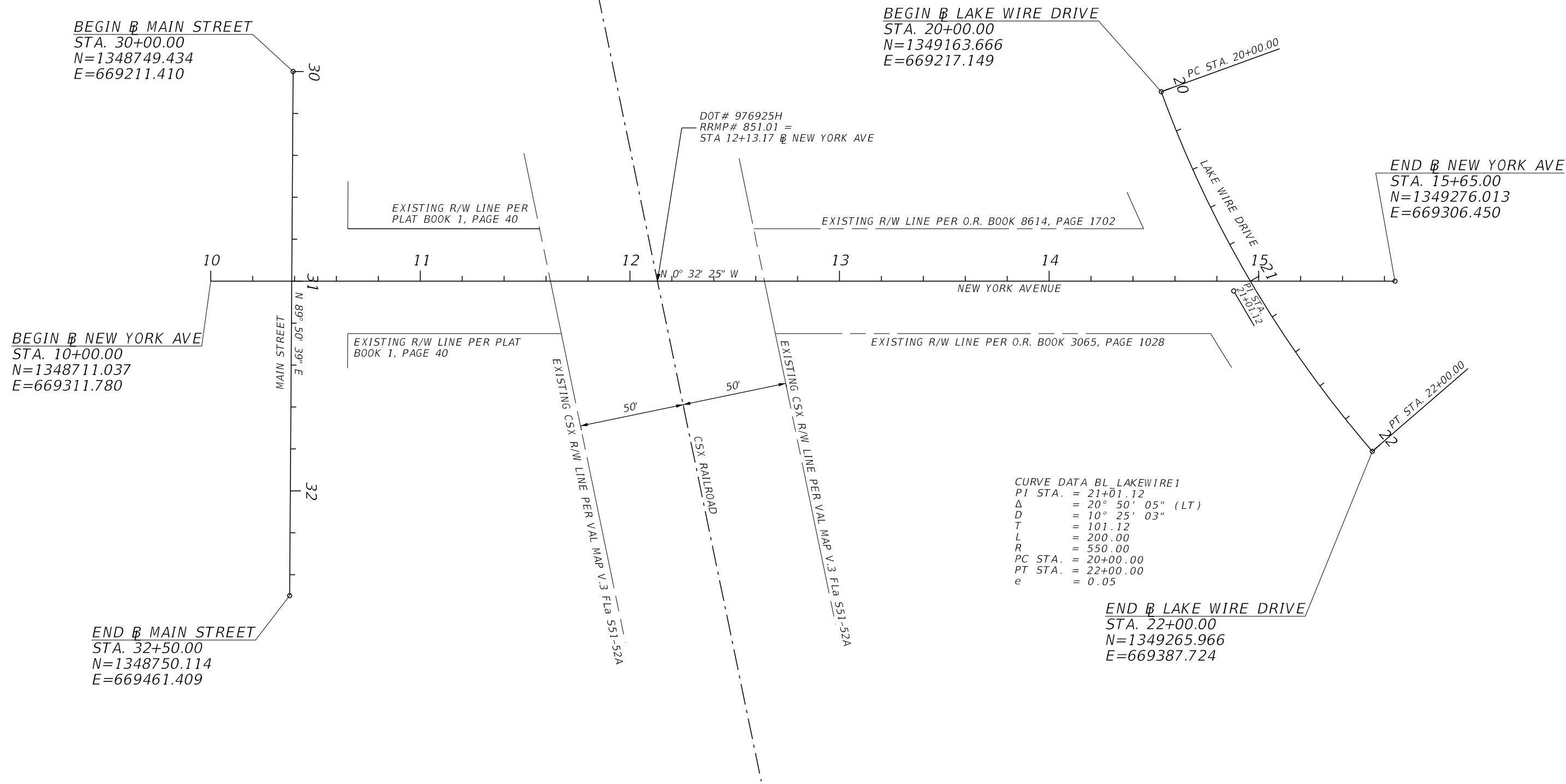
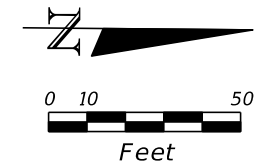
RESURFACING
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (PG 76-22)

REVISIONS				ROMAIN GAYET, P.E. P.E. LICENSE NO.: 94590 JACOBS ENGINEERING GROUP, INC. 200 S. ORANGE AVENUE, SUITE 900 ORLANDO, FL 32801	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION (4)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		9
					N/A	POLK	436656-1-52-01		

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL		CURB INLETS		MANHOLES	DITCH BOTTOM INLETS	INLET CAP	REMARKS
						ROUND		TYPE 9		P-7	C		
						15"		<10'		MODIFY	PART.		
P	S-1	31+08.50	LT	INLET, PIPE	1	21		1					
F													
P	S-2	10+54.56	LT	MODIFY MH	1					1			
F													
P	S-3	11+48.36	LT	INLET CAP	1							1	
F													
P	S-4	11+61.64	RT	PARTIAL INLET	1						1		Top only
F													
P													
F													
P													
F													
P													
F													
Sheet Summary				P Total		21		1		1	1	1	
				F Total									
Final Summary				P Total		21		1		1	1	1	
				F Total									

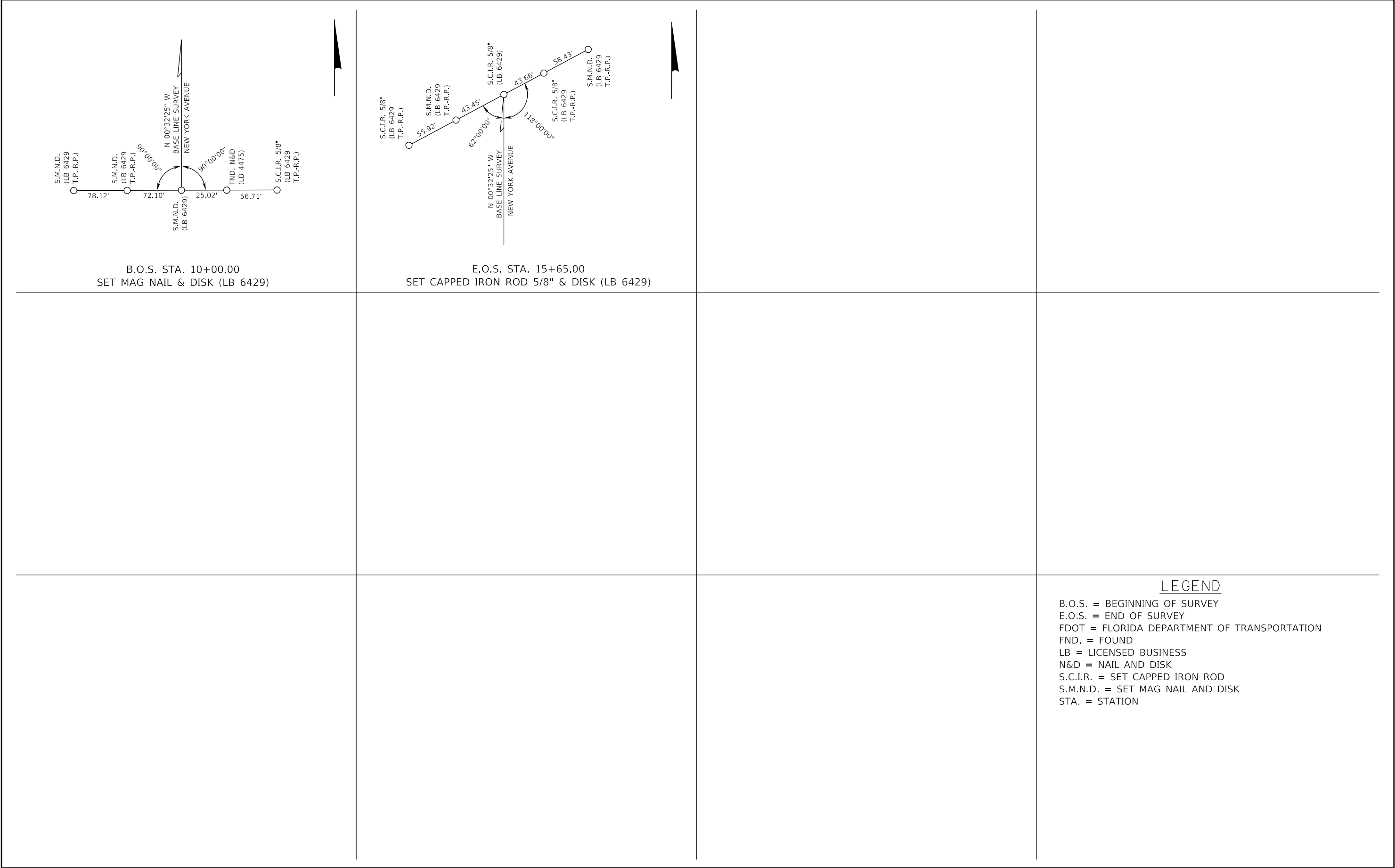
REVISIONS				DANH T. LEE, P.E. P.E. LICENSE NO.: 68228 JACOBS ENGINEERING GROUP, INC. 200 S. ORANGE AVENUE, SUITE 900 ORLANDO, FL 32801	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		10
					N/A	POLK	436656-1-52-01		

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REVISIONS				ROMAIN GAYET, P.E. P.E. LICENSE NO.: 94590 JACOBS ENGINEERING GROUP, INC. 200 S. ORANGE AVENUE, SUITE 900 ORLANDO, FL 32801	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT CONTROL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					N/A	POLK	436656-1-52-01		
							11		

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REVISIONS				ROMAIN GAYET, P.E. P.E. LICENSE NO.: 94590 JACOBS ENGINEERING GROUP, INC. 200 S. ORANGE AVENUE, SUITE 900 ORLANDO, FL 32801	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT CONTROL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		12
					N/A	POLK	436656-1-52-01		

Florida Department of Transportation District One

Vertical Control Data Sheet

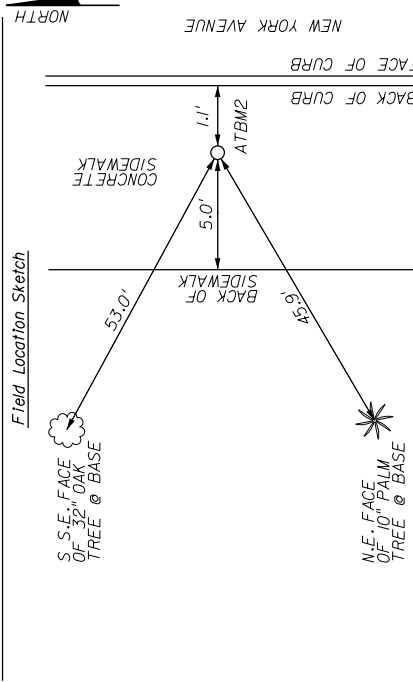
DATUM

NGVD 1929
NAVD 1988

X

Monument Name or Designation: ATBM 2 Elevation feet: 207.254
Road Name: NEW YORK AVE. County: POLK Roadway Section I.D.: N/A
Section: 13 S Township: 23 S Range: 28 E Field Book No.: 503803
Establishing Firm: ECHEZABAL & ASSOCIATES, INC. Financial Project ID: 434656-1
Established: 03/24/16 Recovered: / State Plane Coordinates: (Nearest Foot) N (Y): = 1349051 E (X): = 669295
Base Line Station and Offset: 13+40.3, 14.0' LEFT
Description of Monument: SET MAG NAIL & DISK
STAMPED "LB 6429 T.P.-R.P."
Distance and Direction from Nearest Intersection: ON THE WEST SIDE OF NEW YOR AVENUE ± 120' SOUTH OF LAKE WIRE DRIVE

Field Location Sketch



Florida Department of Transportation District One

Vertical Control Data Sheet

DATUM

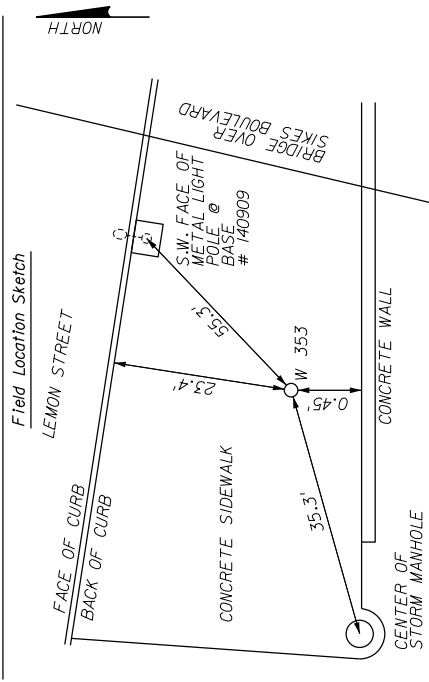
NGVD 1929
NAVD 1988

X

Monument Name or Designation: W 353 1978 Elevation feet: 212.910
Road Name: NEW YORK AVE. County: POLK Roadway Section I.D.: N/A
Section: 13 S Township: 23 S Range: 28 E Field Book No.: 503803
Establishing Firm: ECHEZABAL & ASSOCIATES, INC. Financial Project ID: 434656-1
Established: / Recovered: 03/25/16 State Plane Coordinates: (Nearest Foot) N (Y): = 1348272 E (X): = 668811
Base Line Station and Offset: OUT OF PROJECT LIMITS
Description of Monument: FOUND F.D.O.T. BRASS DISK ON SIDEWALK
STAMPED "W 353 1978"

Distance and Direction from Nearest Intersection: AT THE SOUTHWEST CORNER OF LEMON STREET AND SIKES BOULEVARD

Field Location Sketch



Florida Department of Transportation District One

Vertical Control Data Sheet

DATUM

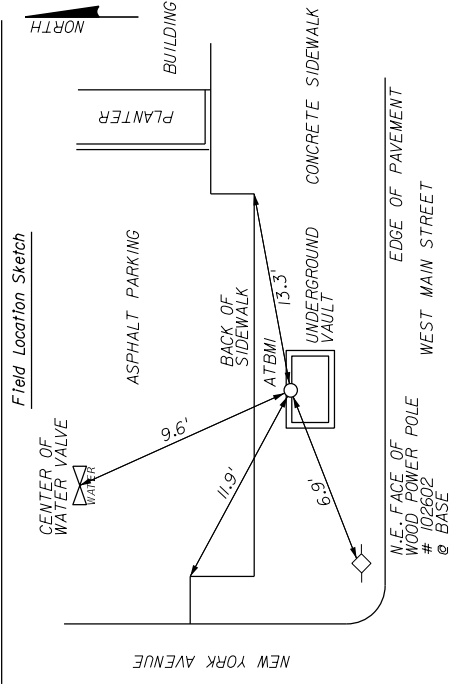
NGVD 1929
NAVD 1988

X

Monument Name or Designation: ATBM1 Elevation feet: 211.591
Road Name: NEW YORK AVE. County: POLK Roadway Section I.D.: N/A
Section: 13 S Township: 23 S Range: 28 E Field Book No.: 503803
Establishing Firm: ECHEZABAL & ASSOCIATES, INC. Financial Project ID: 434656-1
Established: 03/24/16 Recovered: / State Plane Coordinates: (Nearest Foot) N (Y): = 1348777 E (X): = 669336
Base Line Station and Offset: 10+65.4, 25.0' RIGHT
Description of Monument: FOUND MAG NAIL & DISK
STAMPED "CHASTAIN SKILLMAN"

Distance and Direction from Nearest Intersection: AT THE NORTHEAST CORNER OF THE INTERSECTION OF NEW YORK AVENUE AND WEST MAIN STREET.

Field Location Sketch



Florida Department of Transportation District One

Vertical Control Data Sheet

DATUM

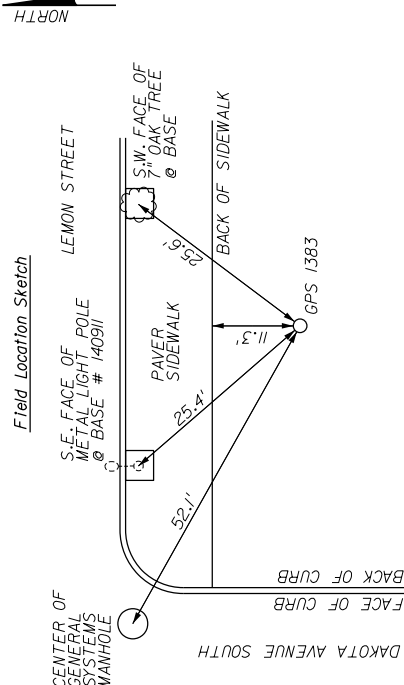
NGVD 1929
NAVD 1988

X

Monument Name or Designation: GPS 1383 1988 Elevation feet: 210.870
Road Name: NEW YORK AVE. County: POLK Roadway Section I.D.: N/A
Section: 13 S Township: 23 S Range: 28 E Field Book No.: 503803
Establishing Firm: ECHEZABAL & ASSOCIATES, INC. Financial Project ID: 434656-1
Established: / Recovered: 03/25/16 State Plane Coordinates: (Nearest Foot) N (Y): = 1348269 E (X): = 668711
Base Line Station and Offset: OUT OF PROJECT LIMITS
Description of Monument: FOUND 12" DIAMETER CONCRETE MONUMENT WITH CITY OF LAKE LAND ALUMINUM DISK STAMPED "GPS 1383 1988"

Distance and Direction from Nearest Intersection: AT THE SOUTHEAST CORNER OF LEMON STREET AND DAKOTA AVENUE SOUTH

Field Location Sketch



GENERAL NOTES:

1.

BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
2.

ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSE FLORIDA PROFESSIONAL SURVEYOR AND MAPPER UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:
WILLIAM L. WHITLEY, P.L.S.
P.L.S. LICENCE NO.: LS4325
ECHEZABAL & ASSOCIATES, INC.
25400 US HWY 19 N. SUITE 263
CLEARWATER, FL 33763-2143
3.

THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BEWTEEN THESE POINTS HAVE NOT BEEN VERIFIED.
4.

UTILITY/AGENCY OWNERS:

COMPANY	CONTACT	TELEPHONE NUMBERS
BRIGHT HOUSE NETWORKS - POLK	TOM SANSING	DAY: (863) 288-2340 X84264 ALT: (863) 286-2440 EMERGENCY: (727) 253-4636
KINDER MORGAN/CENTRAL FLORIDA PIPELINE	MARK CLARK	DAY: (813) 781-1718 ALT: (813) 241-1124
VERIZON FLORIDA INC	DAVID WYNNS	DAY: (813) 978-2164
WITEL COMMUNICATIONS, LLC	TECH OF DUTY	DAY: (877) 366-8344
LEVEL 3 COMMUNICATIONS	NETWORK RELATIONS	DAY: (877) 366-8344 X2
CITY OF LAKELAND ELECTRIC - FIBER OPTIC	ROBERT SMITH	DAY: (863) 834-6891
CITY OF LAKELAND ELECTRIC	KRIS HAYES	DAY: (863) 834-6486
CITY OF LAKELAND WATER	CITY OF LAKELAND WATER UTILITIES ENGINEERING	DAY: (863) 834-6560 ALT: (863) 834-8316
CITY OF LAKELAND WASTEWATER	CITY OF LAKELAND WATER UTILITIES ENGINEERING	DAY: (863) 834-6560 ALT: (863) 834-8316
MCI	BRYAN LANTZ	DAY: (813) 740-1231
TECO PEOPLE GAS - LAKELAND	JENNIFER LOWERS	DAY: (863) 603-2226
5.

EXISTING SIGNS WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
6.

TREE REMOVAL AND TREE TRIMMING WILL BE REQUIRED ALONG NW SIDE OF NEW YORK AVENUE.

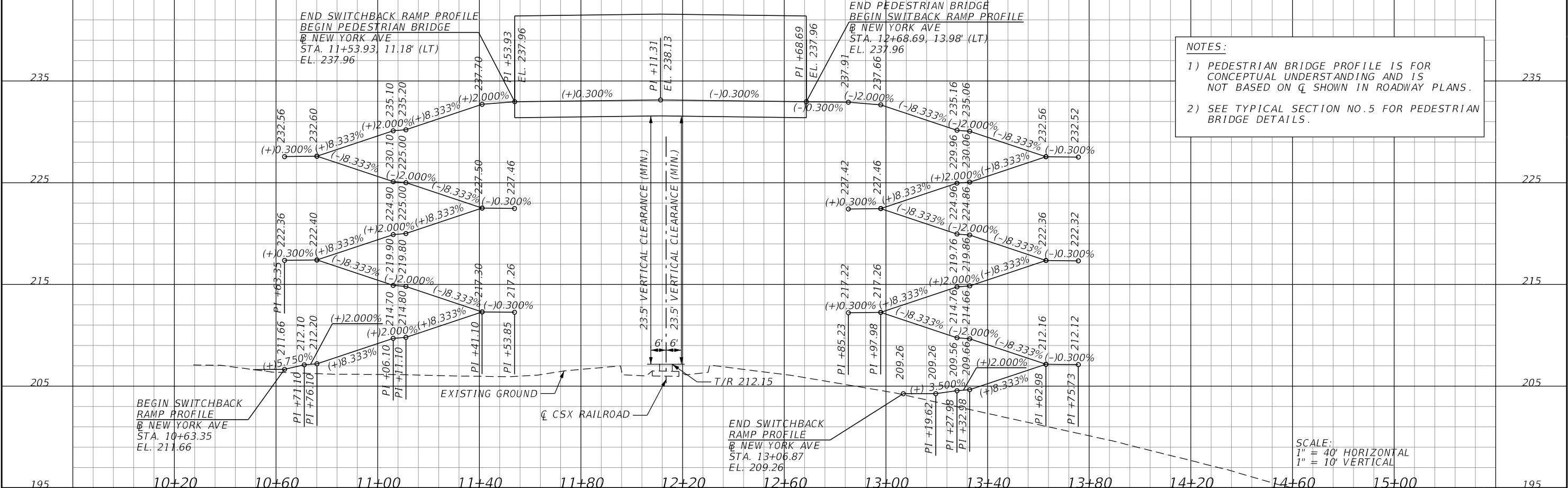
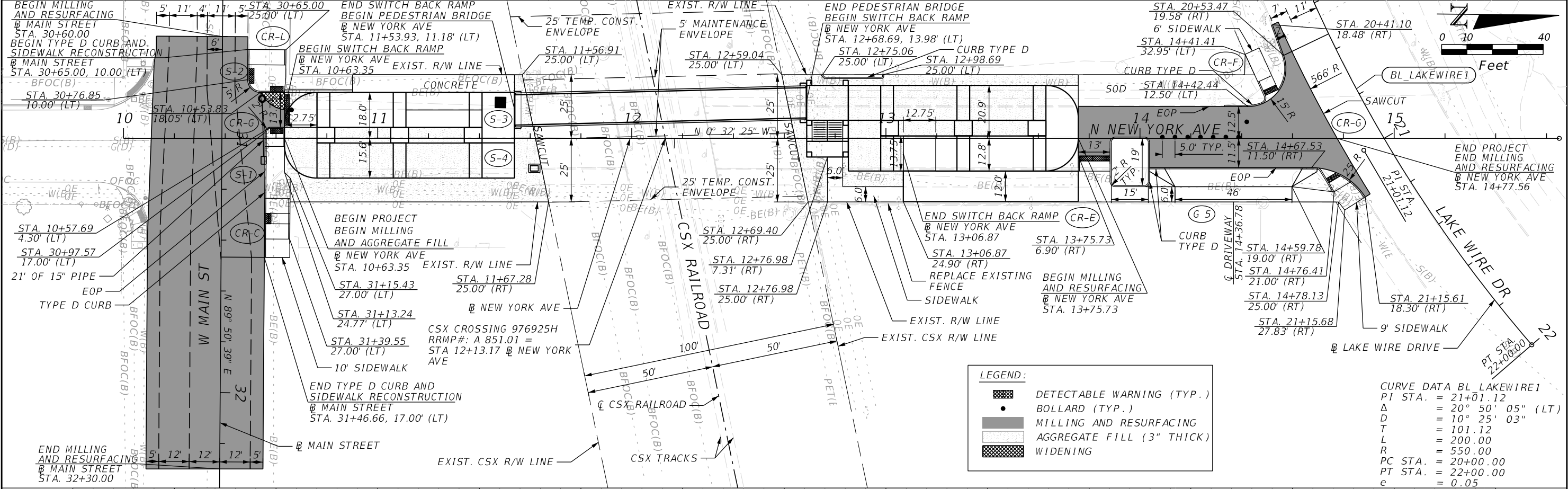
REVISIONS				ROMAIN GAYET, P.E. P.E. LICENSE NO.: 94590 JACOBS ENGINEERING GROUP, INC. 200 S. ORANGE AVENUE, SUITE 900 ORLANDO, FL 32801	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		14
					N/A	POLK	436656-1-52-01		

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RAIL GENERAL PLAN NOTES

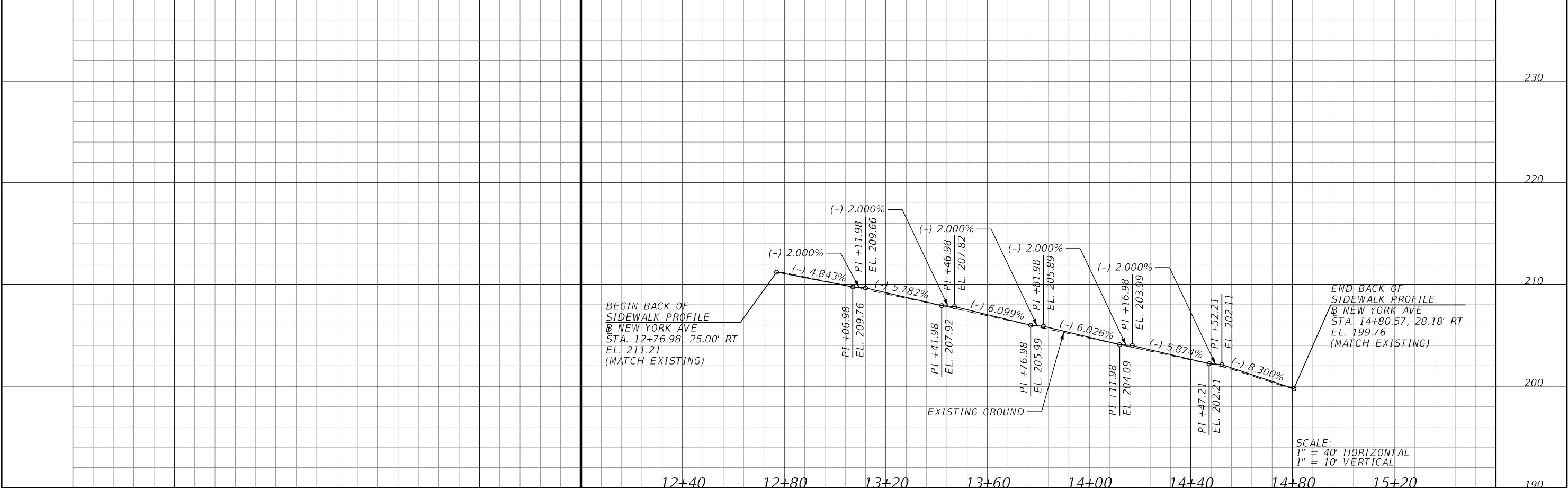
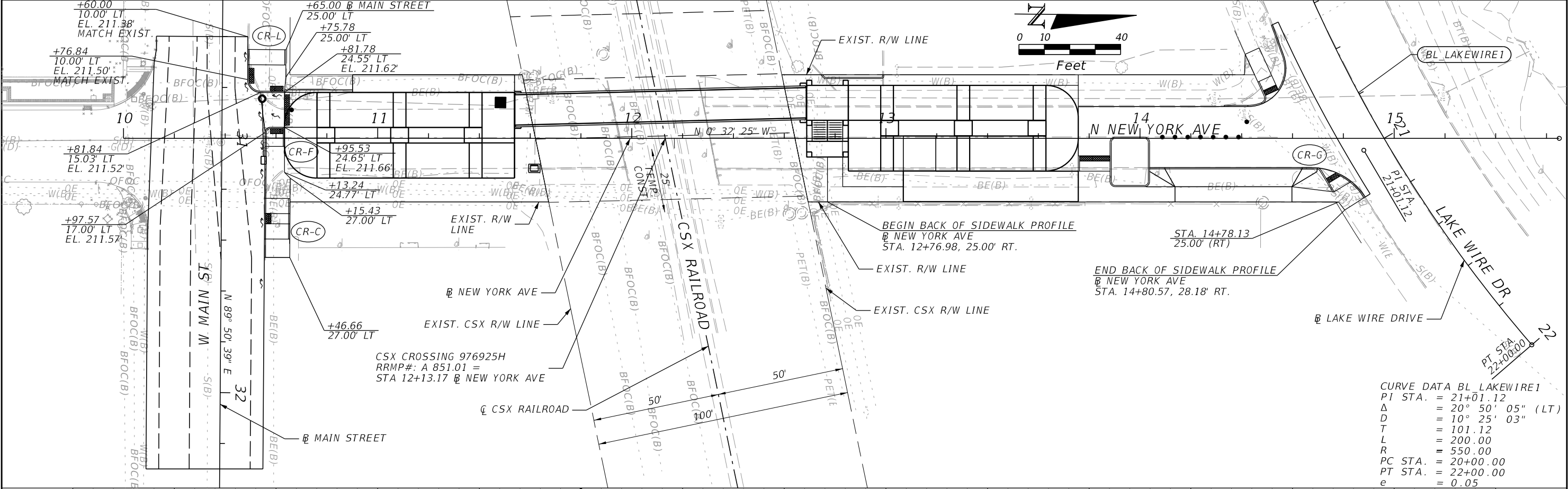
1. REFER TO FDOT STANDARD SPECIFICATIONS 7-11.4 FOR A COMPLETE LIST RAILROAD RELATED REQUIREMENTS FOR THIS PROJECT.
2. COORDINATE ALL RAILROAD ACTIVITIES THROUGH THE DISTRICT RAIL OFFICE AT 863-519-2386 (KYLE.GREEN@DOT.STATE.FL.US)
3. RAILROAD INSURANCE - CONTRACTOR AND SUBCONTRACTORS SHALL PROCURE AND MAINTAIN RAILROAD PROTECTIVE LIABILITY INSURANCE AND COVERAGE OF INSURANCE BEFORE ACCESSING RAILROAD RIGHT OF WAY. RAILROAD INSURANCE IS REQUIRED AT THE PRE-CONSTRUCTION MEETING. SUBMIT RAILROAD INSURANCE TO THE DISTRICT RAIL OFFICE FOR REVIEW AND APPROVAL. SUBMIT A COPY OF THE APPROVED RAILROAD INSURANCE AND APPROVAL LETTER TO THE ENGINEER, AS SPECIFIED IN THE SPECIAL PROVISIONS. NOTE APPROVAL OF INSURANCE CAN TAKE 30 TO 45 DAYS.
4. RAILROAD PROTECTIVE SERVICES (FLAGGING) - CONTACT THE DISTRICT RAIL OFFICE TO REQUEST RAILROAD PROTECTIVE SERVICES OR ACCESS TO RAILROAD RIGHT OF WAY. BASED ON THE PROJECT SCOPE, THE RAILROAD WILL DETERMINE THE LEVEL OF RAILROAD PROTECTION REQUIRED. NO WORK ON OR WITH IMPACTS TO RAILROAD ROW IS PERMITTED WITHOUT RAILROAD PROTECTION. ALL ROADWAY WORK WITHIN THE RAILROAD RIGHT OF WAY MUST BE COMPLETED, DURING DAY OR NIGHT TIME HOURS, WITHIN X CONTRACT DAYS THE CONTRACTOR SHALL ANTICIPATE AN 8 HOUR WORK WINDOW. TO OBTAIN A FLAGGER, PROVIDE AN ESTIMATE OF START DATE, WORK DAYS, HOURS AND DURATION FOR WHICH A RAILROAD FLAGGER WILL BE NEEDED ON ACTIVITIES WITHIN RAILROAD RIGHT OF WAY. PROJECTS WITH RAILROAD INVOLVEMENT 20 CONSECUTIVE DAYS OR MORE REQUIRE LONG TERM RAILROAD PROTECTIVE SERVICES AND MAY TAKE THREE (3) TO SIX (6) MONTHS TO OBTAIN. THE CONTRACTOR SHOULD PLAN TO ONLY HAVE ONE FLAGGER PER PROJECT.
5. THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL OF ANY KIND ON RAILROAD RIGHT OF WAY OR WHERE IT MAY HAVE THE POTENTIAL TO INTERFERE WITH RAILROAD OPERATIONS UNLESS CONTRACTOR HAS RECEIVED PRIOR WRITTEN AUTHORIZATION BY THE RAILROAD.
6. UNDER NO CONDITIONS SHALL WORK AFFECT THE SAFE PASSAGE OF TRAINS OR OTHER ON TRACK EQUIPMENT.
7. EXISTING DRAINAGE STRUCTURES AND PIPES WITHIN THE CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED. DURING CONSTRUCTION, EXISTING DRAINAGE STRUCTURES AND FACILITIES TO REMAIN SHALL BE MAINTAINED AND FULLY FUNCTIONAL UNTIL PROPOSED FACILITIES CAN ACCEPT AND ROUTE STORMWATER FLOWS.
8. "ONE CALL" SERVICES DO NOT LOCATE BURIED RAILROAD SIGNAL AND COMMUNICATIONS LINES. THE CONTRACTOR SHALL CONTACT THE RAILROAD'S REPRESENTATIVE TWO (2) WEEKS IN ADVANCE OF THOSE PLACES WHERE EXCAVATION, PILE DRIVING, OR HEAVY LOADS MAY DAMAGE RAILROAD UNDERGROUND LINES ON RAILROAD PROPERTY. UPON REQUEST FROM THE CONTRACTOR OR AGENCY, RAILROAD SIGNAL FORCES WILL LOCATE AND PAINT MARK OR FLAG RAILROAD UNDERGROUND SIGNAL, COMMUNICATION, AND POWER LINES IN THE AREA TO BE DISTURBED FOR THE CONTRACTOR. AVOID EXCAVATION OR OTHER DISTURBANCE OF THESE LINES WHICH ARE CRITICAL TO CONTRACTOR. THE SAFETY OF THE RAILROAD AND THE PUBLIC. IF DISTURBANCE OR EXCAVATION IS REQUIRED NEAR A BURIED RAILROAD SIGNAL, COMMUNICATION, OR POWER LINE, THE LINE SHALL BE POTHOLED MANUALLY WITH CAREFUL HAND EXCAVATION BY THE CONTRACTOR AND PROTECTED BY THE CONTRACTOR DURING THE COURSE OF THE DISTURBANCE UNDER THE SUPERVISION AND DIRECTION OF A RAILROAD SIGNAL REPRESENTATIVE
9. BASED ON THE PROJECT SCOPE, CSXT WILL DETERMINE THE LEVEL OF TRACK/RIGHT-OF-WAY (ROW) PROTECTION REQUIRED. HOWEVER, NO WORK ON OR WITH IMPACTS TO CSXT ROW IS PERMITTED WITHOUT SAID TRACK/ROW PROTECTION.
10. CONTRACTOR MUST HAVE AN EMERGENCY ACTION AND HURRICANE PREPAREDNESS PLAN AND MEANS AND METHODS, WHICH SHOULD BE SITE SPECIFIC AND MUST INCLUDE COORDINATION WITH CSXT AND CSXT REPRESENTATIVE, WHILE WORKING WITHIN THE CSXT ROW LIMITS. THESE PLANS MUST BE PROVIDED TO CSXT FOR REVIEW AND ACCEPTANCE PRIOR TO WORK COMMENCING WHICH MAY IMPACT CSXT ROW OR FACILITIES.
11. ALL SOILS EXCAVATED WITHIN CSXT'S RAILROAD RIGHT-OF-WAY SHALL REMAIN ON CSXT'S RIGHT-OF-WAY. TESTING OF SOILS ON CSXT ROW IS PROHIBITED WITHOUT PRIOR WRITTEN CSXT AUTHORIZATION. ANY SOILS EXCAVATED ON CSXT ROW CAN BE REUSED ON THE ROW PROVIDED PLACING SOILS ALONG CSXT ROW POSES NO ADVERSE IMPACTS TO THE EXISTING TERRAIN, DRAINAGE OR ENVIRONMENT. SHOULD SOIL NEED TO BE REMOVED FROM CSXT ROW, THE CSXT ENVIRONMENTAL DEPARTMENT WILL SAMPLE THE SOIL FOR DISPOSITION. SOIL STAGED ON CSXT MUST FOLLOW CSXT PROTOCOL AND BE PROPERLY STORED AND/OR PROTECTED FROM THE ELEMENTS AND POTENTIAL EXPOSURE.
12. IF ANY ISSUE OR INCIDENT OCCURS WITHIN CSXT RIGHT-OF-WAY (ROW), CONTRACTOR MUST CONTACT THE CSXT PUBLIC SAFETY COORDINATION CENTER AT 800-232-0144 AND NOTIFY CSXT REPRESENTATIVE.
13. CONTRACTOR IS TO PROVIDE AS-BUILT MINIMUM VERTICAL CLEARANCE (MVC) FOR OVERHEAD PEDESTRIAN WALKWAY MEASURED FROM TOP-OF-RAIL ON CSXT MAINLINE TRACKS WITHIN 30 DAYS OF ERECTION OF SUPERSTRUCTURE COMPONENTS OVER CSXT ROW.

REVISIONS				ROMAIN GAYET, P.E. P.E. LICENSE NO.: 94590 JACOBS ENGINEERING GROUP, INC. 200 S. ORANGE AVENUE, SUITE 900 ORLANDO, FL 32801	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					N/A	POLK	436656-1-52-01		15



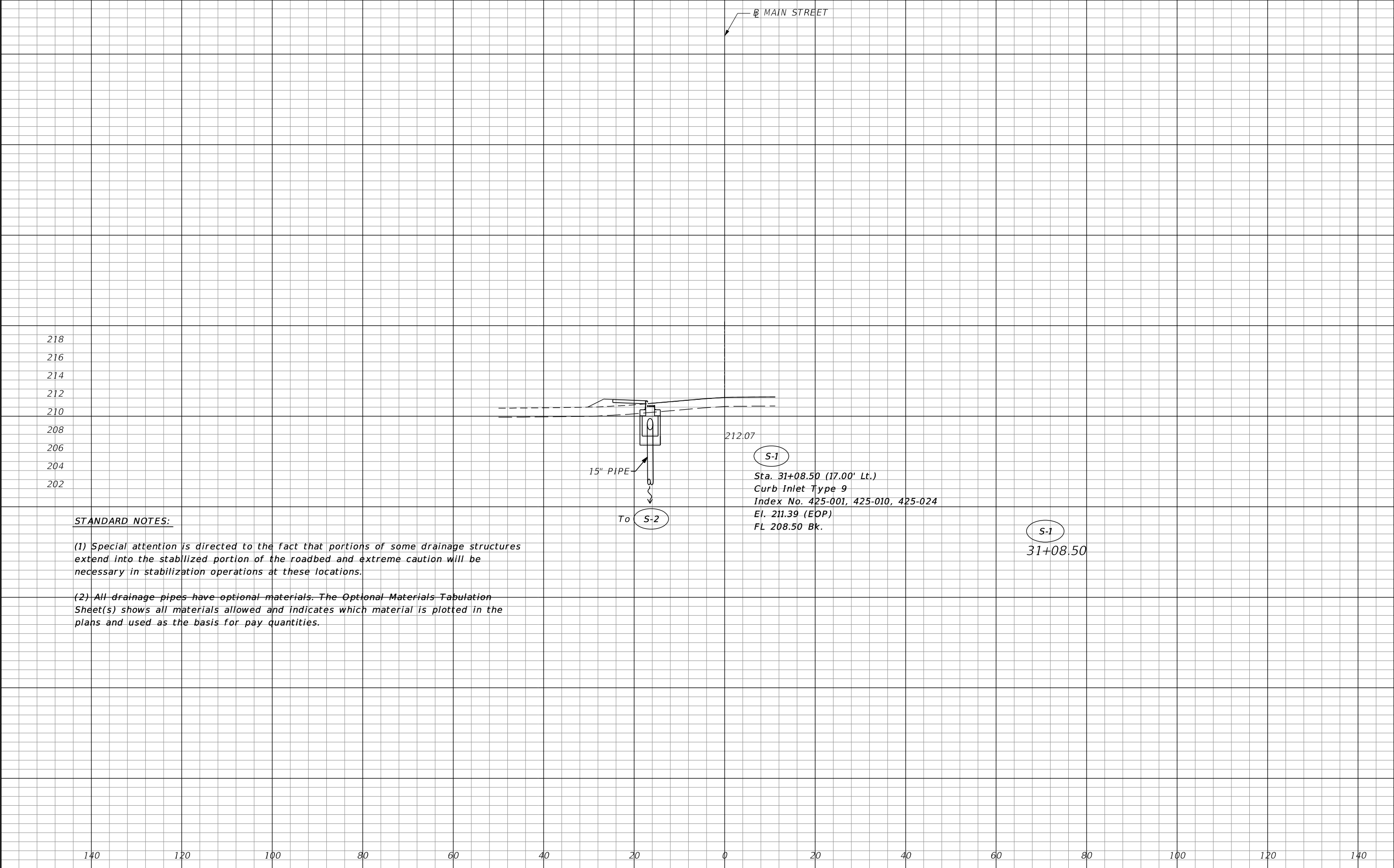
REVISIONS				ROMAIN GAYET, P.E. P.E. LICENSE NO.: 94590 JACOBS ENGINEERING GROUP, INC. 200 S. ORANGE AVENUE, SUITE 900 ORLANDO, FL 32801	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN & PROFILE NEW YORK AVE	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		16
					N/A	POLK	436656-1-52-01		

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					N/A	POLK	436656-1-52-01		

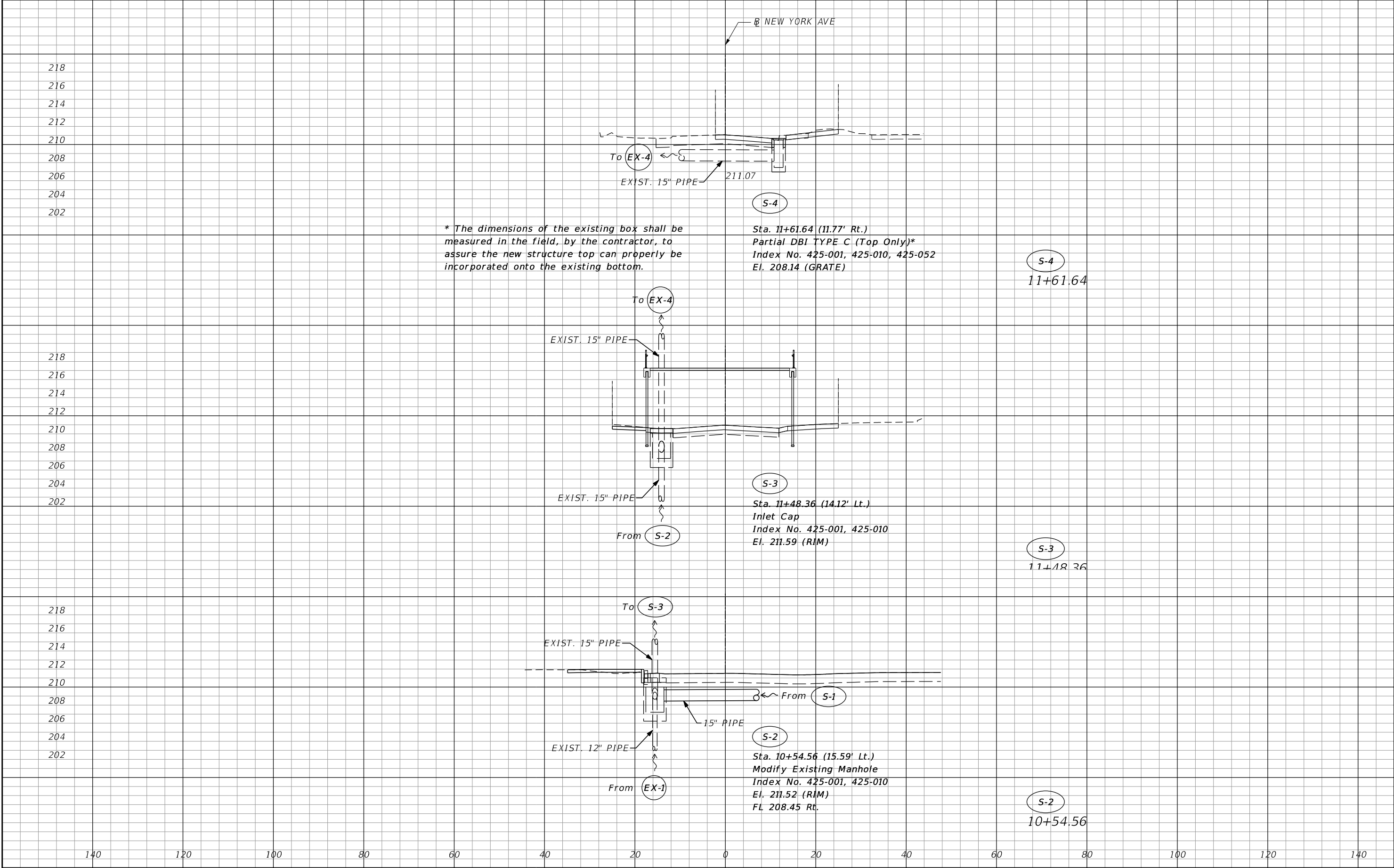
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STANDARD NOTES:

- (1) Special attention is directed to the fact that portions of some drainage structures extend into the stabilized portion of the roadbed and extreme caution will be necessary in stabilization operations at these locations.
- (2) All drainage pipes have optional materials. The Optional Materials Tabulation Sheet(s) shows all materials allowed and indicates which material is plotted in the plans and used as the basis for pay quantities.

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		18
					N/A	POLK	436656-1-52-01		



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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					N/A	POLK	436656-1-52-01		19

GENERAL NOTES

1.

THE REGULATORY SPEED USED FOR MOT CALCULATIONS ARE NOTED BELOW. MODIFICATIONS TO THE REGULATORY SPEED SHALL REQUIRE RESUBMITTAL OF THE MOT PLAN.

FACILITY NAME

MAIN STREET

LAKE WIRE DRIVE

REGULATORY SPEED

30 MPH

30 MPH
2.

COORDINATION OF CONSTRUCTION LIMITS WITH CSX IS ON-GOING. POTENTIAL SEQUENCING:

NAME

PHASE I

CONTRACTOR

FDOT

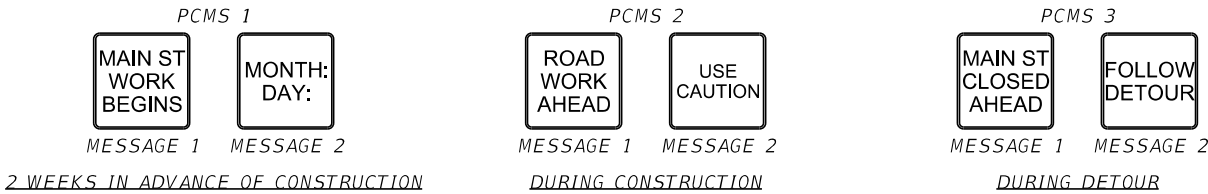
MAJOR TASK

CONSTRUCT NEW YORK AVE BRIDGE
3.

TRAFFIC SHALL BE MAINTAINED ON PAVED SURFACES AT ALL TIMES.
4.

ACCESS TO FLORIDA DANCE THEATRE INC NEW YORK AVE ENTRANCE SHALL BE MAINTAINED DURING BUSINESS HOURS. EXISITING RAMP AND PEDESTRIAN RAILING SHALL REMAIN. USE SPECIAL PEDESTRIAN DETOUR WHERE NECESSARY.
5.

THE CONTRACTOR SHALL COORDINATE WITH NEW BEGINNINGS HIGH SCHOOL FOR PROPOSED CHANGES IN TRAFFIC PATTERNS.



6.

CHANNELIZATION / MOT DEVICES SHALL NOT BE PLACED A MINIMUM OF 15 FEET FROM CENTER LINE OF RAILROAD TRACKS. IF CSX FORCES ARE TO PERFORM WORK WITHIN MOT, FINAL PLACEMENT OF MOT DEVICES IN RELATION TO CSX TRACK CENTERLINE SHALL BE DETERMINED DURING PRE-CONSTRUCTION MEETING, AT THE DISCRETION OF THE CSX TRACK SUPERVISOR.
7.

NEW BEGINNINGS HIGH SCHOOL SHALL BE NOTIFIED AT LEAST 2 WEEKS PRIOR TO IMPLEMENTING ANY CHANGES TO TRAFFIC PATTERNS.
8.

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION AND MAINTAINED THROUGHOUT CONSTRUCTION.
9.

THE CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE PATTERNS DURING CONSTRUCTION.
10.

OFFSITE RUNOFF AND ADDITIONAL DRAINAGE DUE TO CONSTRUCTION ACTIVITIES SHALL NOT BE DIVERTED TOWARD RAILROAD RIGHT OF WAY.
11.

EROSION CONTROL DEVICES SHALL BE LOCATED MINIMUM OF 15' FROM CENTERLINE OF RAILROAD TRACKS.
12.

CHEMICAL TREATMENT METHODS OF EROSION AND SEDIMENT CONTROL ARE PROHIBITED TO BE UTILIZED ADJACENT AND WITHIN RAILROAD RIGHT OF WAY.
13.

DEWATERING IS PROHIBITED WITHIN RAILROAD RIGHT OF WAY. PROVIDE OTHER CONTROL METHODS FOR REVIEW AND APPROVAL BEFORE COMMENCING ANY APPLICABLE OPERATION WITHIN RAILROAD RIGHT OF WAY.
14.

IF ANY SPILL, ISSUE, OR INCIDENT OCCURS WITHIN CSXT ROW, PLEASE CONTACT THE CSXT PUBLIC SAFETY COORDINATION CENTER AT 800-232-0144.

PHASE NOTES:

PHASE I

- THE INTENT OF THIS PHASE IS TO CONSTRUCT THE BRIDGE PIERS, BRIDGE FOUNDATIONS AND ERECTION OF STEEL TRUSS OVER CSX RAILROAD TRACK AND MILL NEW YORK AVENUE.

1.

INSTALL ADVANCE WARNING CONSTRUCTION SIGNS AND TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE PLANS AND SERIES 102 OF THE STANDARD PLANS.

2.

CONSTRUCT THE SIDEWALK, CURB AND CURB RAMPS ON THE NW CORNER OF THE INTERSECTION OF MAIN ST AND NEW YORK AVENUE UTILIZING DETOUR 2.

3.

INSTALL EROSION CONTROL PROTECTION FEATURES.

4.

OPEN NEW SIDEWALK ACCESS TO DANCE THEATRE ENTRANCE.

5.

PERFORM ALL CLEARING AND GRUBBING OPERATIONS WITHIN PHASE I WORK ZONE.

6.

PERFORM MILLING ON NEW YORK AVENUE PER TYPICAL SECTIONS.

7.

CONSTRUCT BRIDGE PIERS AND BRIDGE FOUNDATIONS.

8.

ERECT STEEL TRUSS OVER CSX RAILROAD TRACK.

PHASE II

- THE INTENT OF THIS PHASE IS TO CONSTRUCT FOUNDATIONS AND SUBSTRUCTURE FOR THE SWITCHBACK APPROACHES AND STAIRCASE.

1.

INSTALL ADVANCE WARNING CONSTRUCTION SIGNS AND TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE PLANS AND SERIES 102 OF THE STANDARD PLANS.

2.

UTILIZING DETOURS AS NEEDED, CONSTRUCT FOUNDATIONS AND SUBSTRUCTURE FOR THE SWITCHBACK APPROACHES AND STAIRCASE.

3.

CONSTRUCT PIER COLUMNS, END LANDINGS, RETAINING WALLS AND GRADE SUPPORTED RUNS OF THE SWITCH-BACK RAMPS.

PHASE III

- THE INTENT OF THIS PHASE IS TO CONSTRUCT SLAB BEAMS, SWITCH-BACK RAMPS, PEDESTRIAN RAILINGS, AND LIGHTING.

1.

INSTALL ADVANCE WARNING CONSTRUCTION SIGNS AND TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE PLANS AND SERIES 102 OF THE STANDARD PLANS.

2.

PER THE TYPICAL SECTIONS, PLACE AGGREGATE ON NEW YORK AVENUE.

3.

UTILIZING DETOURS, CONSTRUCT SLAB BEAMS AND SWITCH-BACK RAMPS.

4.

CONSTRUCT THE PEDESTRIAN RAILINGS

5.

CONSTRUCT REMAINING SIDEWALKS, CURBS AND CURB RAMPS.

PHASE IV

- THE INTENT OF THIS PHASE IS TO MILL AND RESURFACE THE ROADWAY AND CONSTRUCT SIGNING AND PAVEMENT MARKING ITEMS.

1.

INSTALL ADVANCE WARNING CONSTRUCTION SIGNS AND TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE PLANS AND SERIES 102 OF THE STANDARD PLANS.

2.

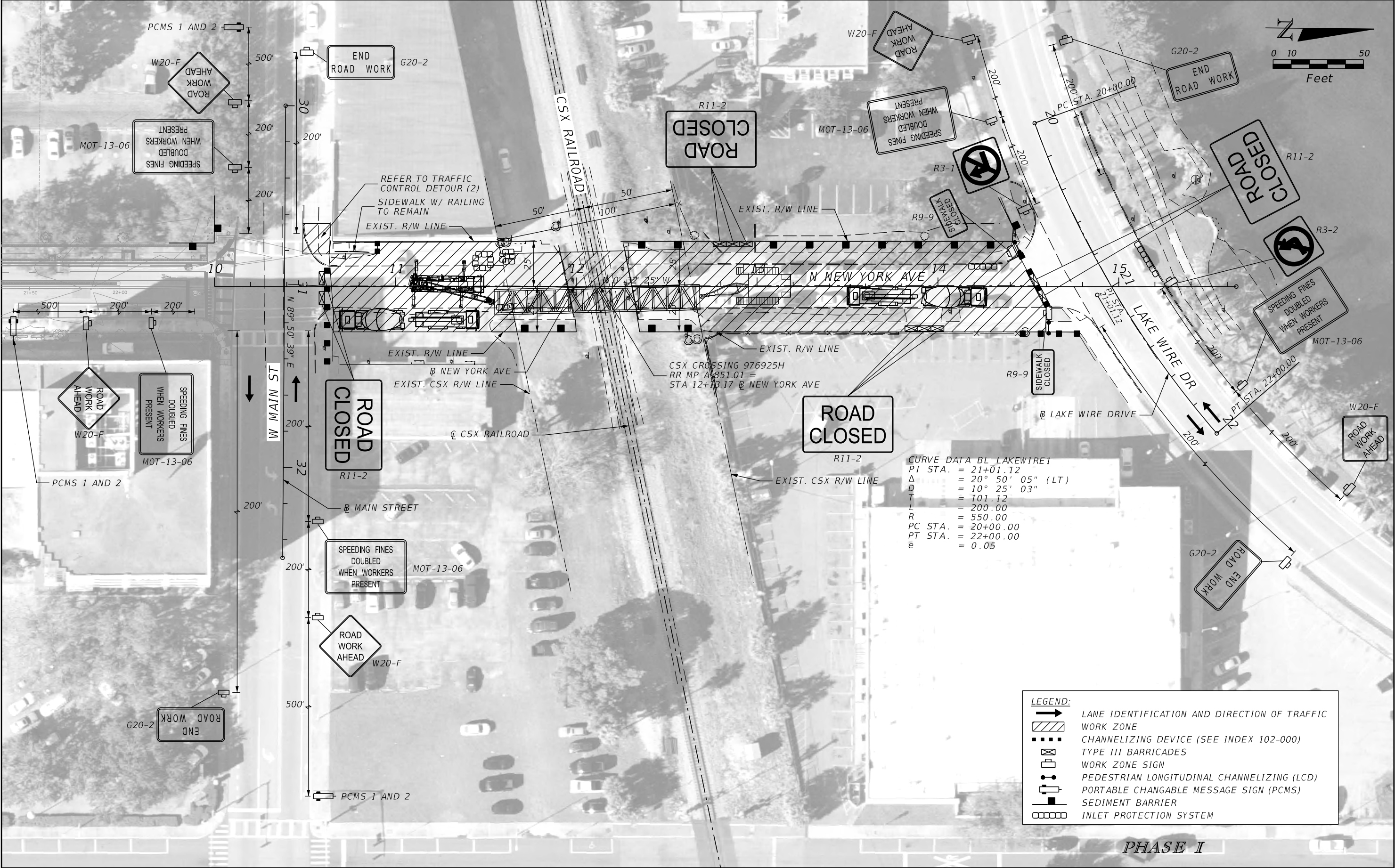
MILL AND RESURFACE NEW YORK AVE, MAIN ST AND LAKE WIRE DR. IN ACCORDANCE WITH FDOT STANDARD PLANS 102-603 AND 102-604.

3.

INSTALL FINAL SIGNING AND PAVEMENT MARKINGS IN ACCORDANCE WITH FDOT STANDARD PLANS 102-603 AND 102-604.

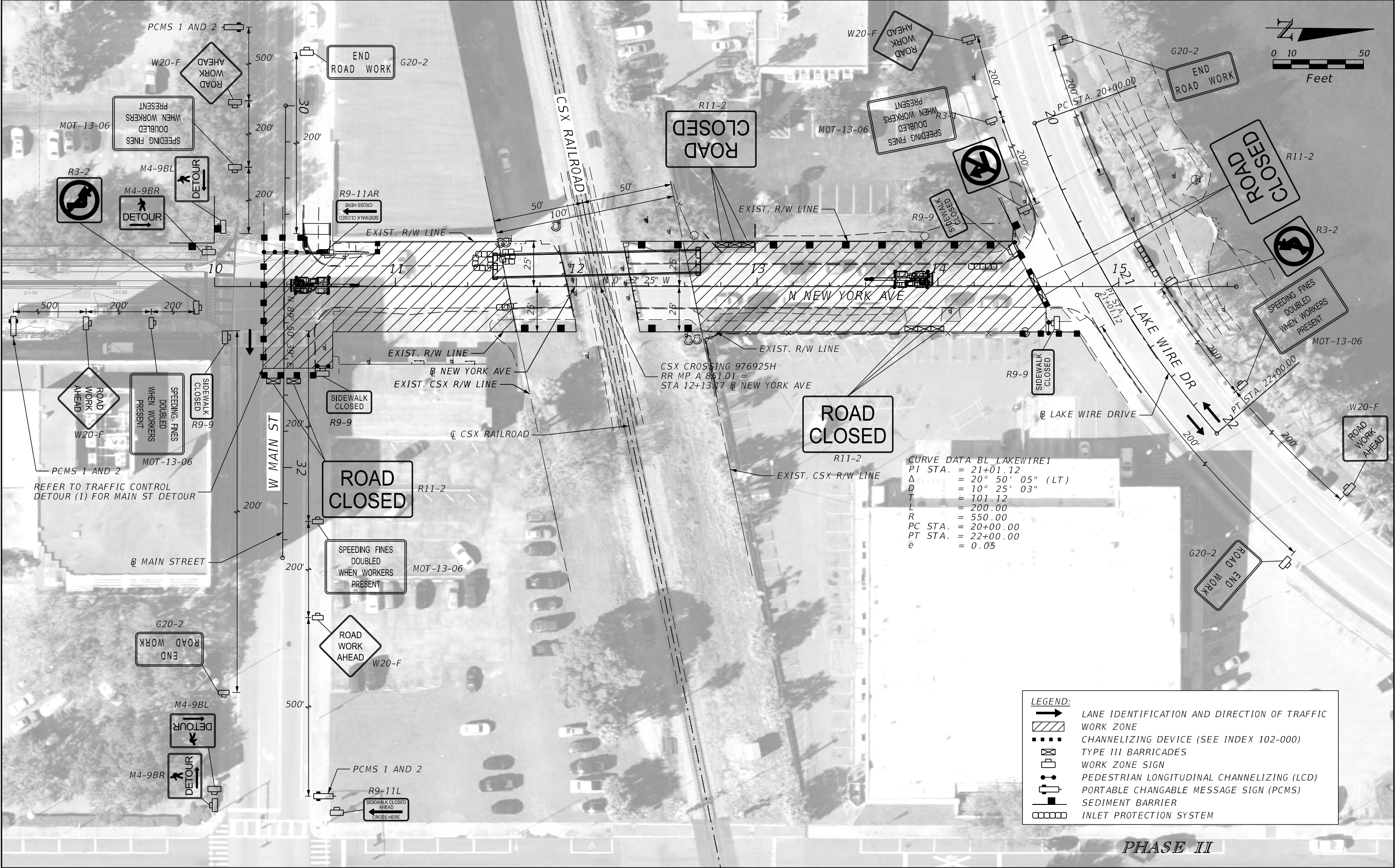
GENERAL NOTES

REVISIONS				KENNETH MICHAEL WOOTEN, P.E. P.E. LICENSE NO.: 58817 JACOBS ENGINEERING GROUP, INC. 200 S. ORANGE AVENUE, SUITE 900 ORLANDO, FL 32801	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					N/A	POLK	436656-1-52-01	20	

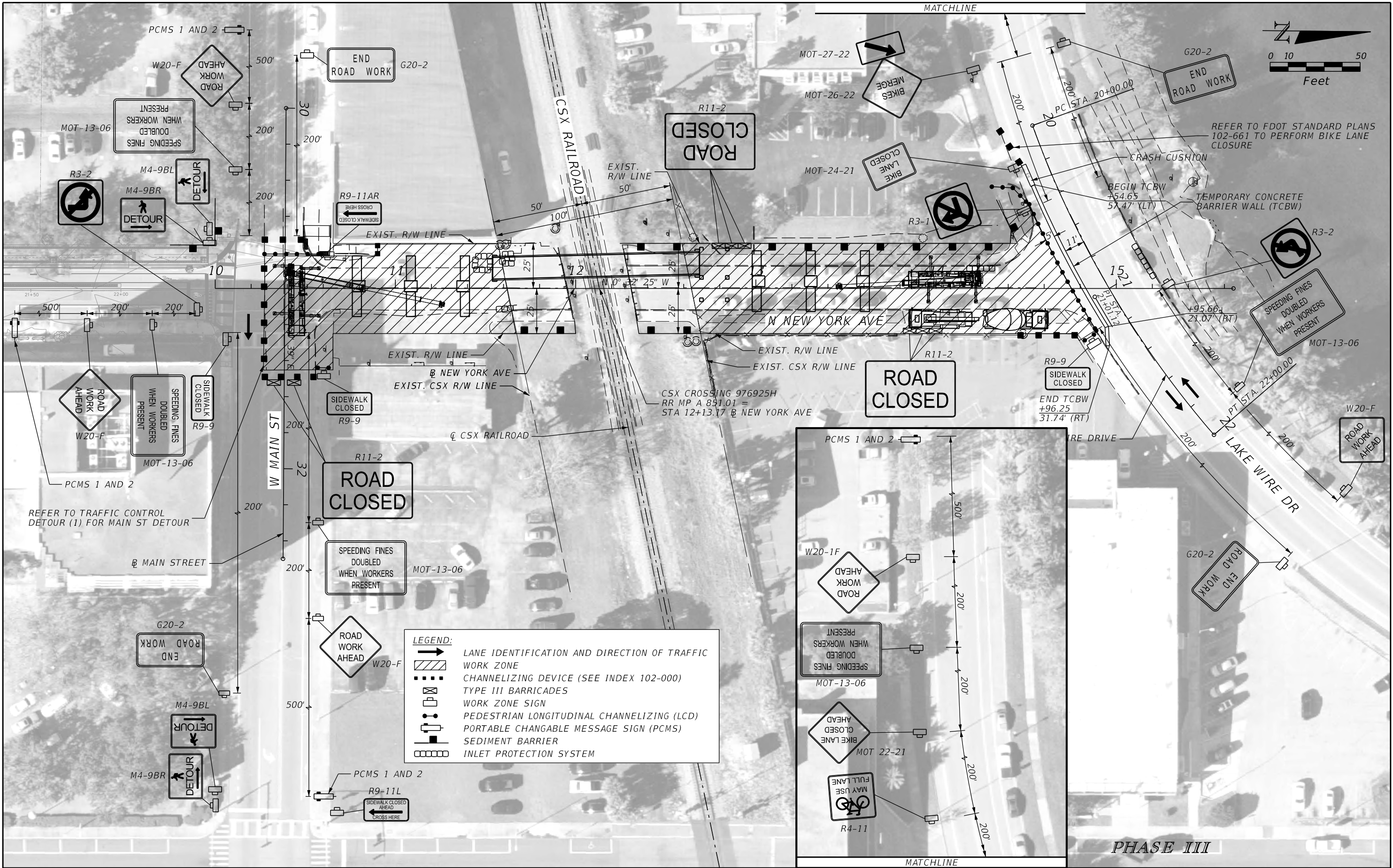


REVISIONS				KENNETH MICHAEL WOOTEN, P.E. P.E. LICENSE NO.: 58817 JACOBS ENGINEERING GROUP, INC. 200 S. ORANGE AVENUE, SUITE 900 ORLANDO, FL 32801	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS	SHEET NO. 21
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					N/A	POLK	436656-1-52-01		

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		22
					N/A	POLK	436656-1-52-01		



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

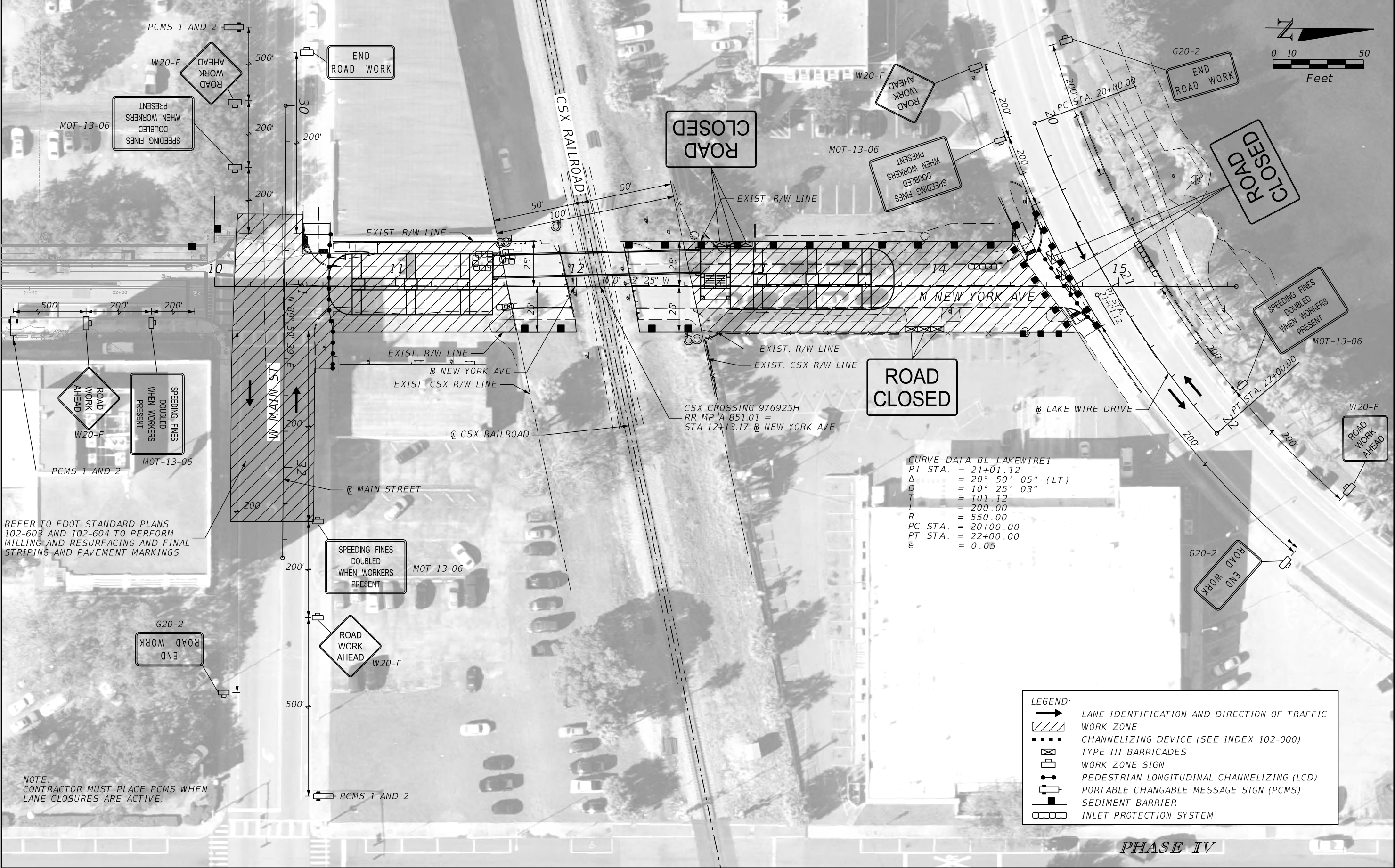
KENNETH MICHAEL WOOTEN, P.E.
P.E. LICENSE NO.: 58817
JACOBS ENGINEERING GROUP, INC.
200 S. ORANGE AVENUE, SUITE 900
ORLANDO, FL 32801

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
N/A	POLK	436656-1-52-01

TEMPORARY TRAFFIC CONTROL PLANS	

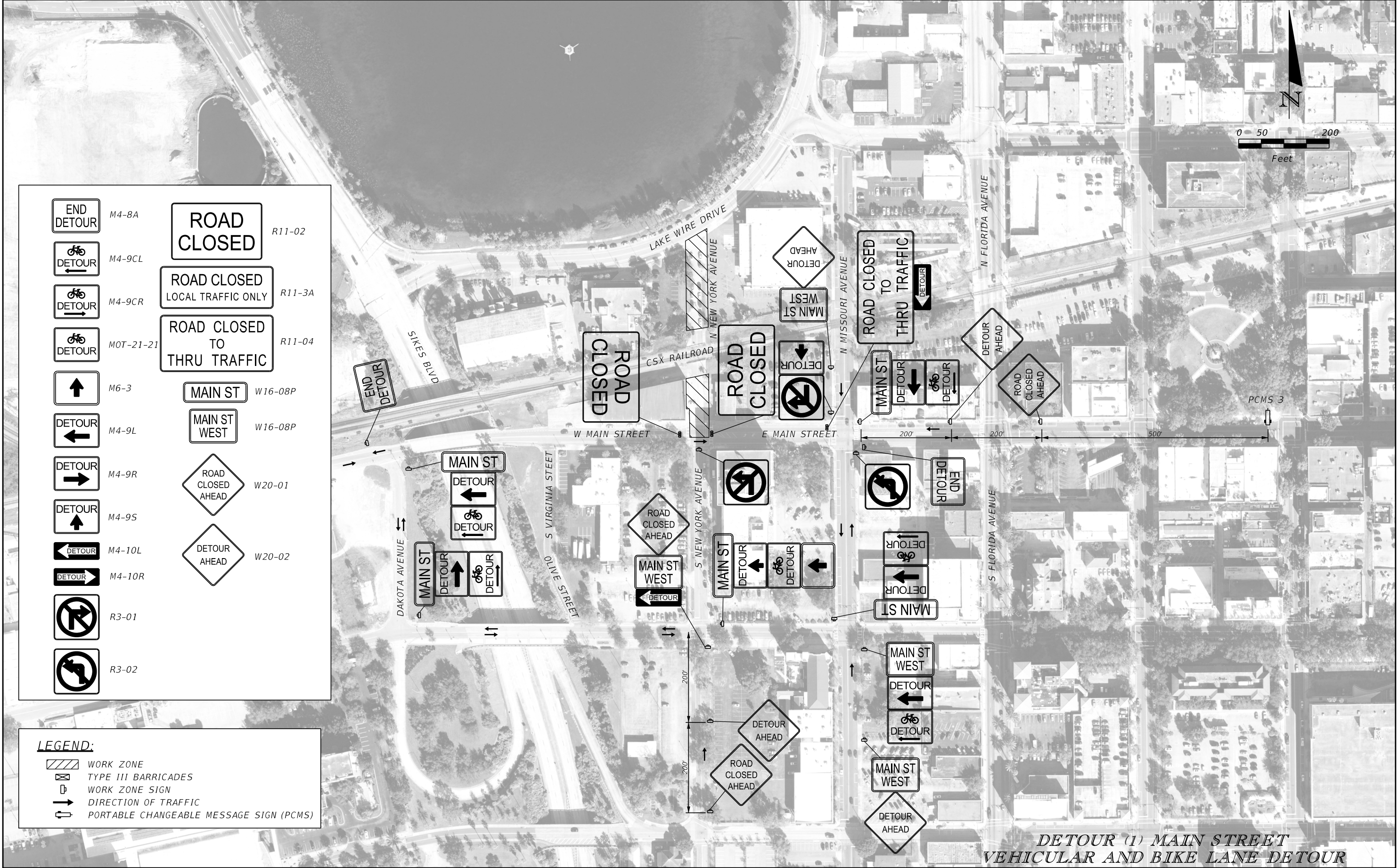
SHEET NO.
23

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		24
					N/A	POLK	436656-1-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



DETOUR (1) MAIN STREET
VEHICULAR AND BIKE LANE DETOUR

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		25
					N/A	POLK	436656-1-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					N/A	POLK	436656-1-52-01		26

SUMMARY OF LUMP SUM ITEMS					
PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0101 1	MOBLIZATION				

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS												
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE 1			PHASE 2			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL				
			DAYS	P	P	DAYS	P	P	P	F		
0102- 1-	MAINTENANCE OF TRAFFIC 43546115201	LS										
0102- 4-	PEDESTRIAN SPECIAL DETOUR	LS		1	1							
0102- 60-	WORK ZONE SIGN	ED	200	43	8600	120	71	8520	17120			
0102- 71-16	TEMPORARY BARRIER, F&I, FREESTANDING	LF										
0102- 74- 1	CHANNELIZING DEVICES - TYPES I, II, DI, VP, DRUM, OR LCD	ED	200	16	3200	120	23	2760	5960			
0102- 74- 8	CHANNELIZING DEVICE - PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	200	218	43600	120	50	6000	49600			
0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	200	3	600	120	4	480	1080			
0102-115-	TYPE III BARRICADE	ED	200	12	2400	120	13	1560	3960			
0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF		93	93				93			

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS												
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE 3			PHASE 4			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL				
			DAYS	P	P	DAYS	P	P	P	F		
0102- 1-	MAINTENANCE OF TRAFFIC 43546115201	LS										
0102- 4-	PEDESTRIAN SPECIAL DETOUR	LS						1				
0102- 60-	WORK ZONE SIGN	ED	180	74	13320	45	17	765	31205			
0102- 71-16	TEMPORARY BARRIER, F&I, FREESTANDING	LF		100	100				100			
0102- 74- 1	CHANNELIZING DEVICES - TYPES I, II, DI, VP, DRUM, OR LCD	ED	180	22	3960	45	20	900	10820			
0102- 74- 8	CHANNELIZING DEVICE - PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	180	151	27180	45	100	4500	81280			
0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	180	5	900	45	3	135	2115			
0102-115-	TYPE III BARRICADE	ED	180	11	1980	45	9	405	6345			
0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF							93			

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					N/A	POLK	436656-1-52-01		28

SUMMARY OF TEMPORARY CRASH CUSHIONS											
TTC PHASE	STATION	OFFSET (FT)	SIDE	WORK ZONE SPEED (MPH)	TEST LEVEL (TL-2 OR TL-3)	WIDTH OF HAZARD (IN)	LENGTH RESTRICTION (FT)	TEMPORARY CRASH CUSHION		DESIGN NOTES	CONSTRUCTION REMARKS
								0102	89 1		
								P	F		
PHASE 3	14+50.00	60.00	LT	30	TL-2	24"	N/A	1			
SUB-TOTAL :								1			
TOTAL :								1			

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES											
LOCATION		SIDE	AREA ID	SEDIMENT BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.				0104 10 3		0104 15		0104 18			
				LF		EA		EA			
				P	F	P	F	P	F		
30+50.00 to 30+78.00		RT		55							
11+53.00 to 11+98.00		RT		50							
12+24.00 to 12+74.00		LT		50							
12+35.00 to 12+70.00		RT		43							
12+99.00 to 14+44.00		LT		173							
11+49.00		LT						1			
11+62.00		RT						1			
11+63.00		LT						1			
14+25.00		LT						1			
15+17.00		LT						1			
TOTAL :				371				5			

SUMMARY OF LITTER REMOVAL AND MOWING																								
CONST. PHASE	LOCATION	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL							MOWING							DESIGN NOTES	CONSTRUCTION REMARKS				
					0107 1							0107 2												
	AREA ID				L	W	CYCLES	AREA		AREA ID	L	W	CYCLES	AREA										
								AC/ CYCLE	TOTAL (AC)					AC/ CYCLE	TOTAL (AC)									
		P	F	P					F															
	10+63.35 TO 11+67.28	LT		30	26609						0.113													
	12+59.04 TO 14+88.60	LT		30	26581						0.195													
	30+60.00 TO 30+81.85	LT		30	26953						0.010													
	30+95.53 TO 31+46.66	LT		30	26960						0.010													
	13+75.73 TO 14+48.86	LT		30								26492				0.02								
	14+01.78 TO 14+13.78	RT		30								26503				0.001								
	14+59.78 TO 14+75.83	RT		30								26508				0.001								
SUB-TOTAL :											0.33	SUB-TOTAL :											0.02	
TOTAL :											0.33	TOTAL :											0.02	

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DATE	DESCRIPTION		DATE		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					N/A	POLK	436656-1-52-01		
									29

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS												
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNITS	SECONDARY UNITS (IF LUMP SUM)	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				AREA (AC)	P	F	P	F		
0110 1 1	CLEARING AND GRUBBING	10+63.35 TO 11+67.28	LT/RT	27624	LS	0.11			1		0.33 TOTAL AC	
		12+59.04 TO 13+75.73	LT/RT	27619		0.13						
		13+75.73 TO 14+56.53	LT/RT	27595		0.03						
		13+75.73 TO 14+88.60	LT/RT	27605		0.04						
		30+60.00 TO 30+81.85	LT	23336		0.01						
		30+95.53 TO 31+46.66	LT	23342		0.01						
0110 4 10	REMOVAL OF EXISTING CONCRETE	10+63.35 TO 11+59.69	LT	27963	SY		122		558		SIDEWALK	
		10+63.35 TO 10+69.39	RT	27900			0.2				CURB	
		10+63.35 TO 10+69.42	RT	27907			2				SIDEWALK	
		10+63.35 TO 10+67.94	LT	27950			0.2				CURB	
		11+52.25 TO 11+67.28	RT	28316			2				CURB AND SIDEWALK	
		12+60.30 TO 14+52.18	LT	27991			137				SIDEWALK	
		12+61.52 TO 14+44.81	LT	27984			11				CURB	
		12+66.67 TO 14+11.67	RT	28080			10				CURB	
		13+77.71 TO 13+77.71	RT	28172			208				SIDEWALK	
		14+51.63 TO 14+53.96	LT	28058			1				CURB	
		14+63.04 TO 14+67.87	RT	28071			0.1				CURB	
		14+84.33 TO 14+88.60	RT	28166			0.3				CURB	
		30+65.00 TO 30+88.49	LT	27357			2				CURB	
		30+65.00 TO 30+88.02	LT	27366			28				SIDEWALK	
		31+11.99 TO 31+46.66	LT	27450			1				CURB	
		31+12.46 TO 31+46.66	LT	27457			34				SIDEWALK	

SUMMARY OF EARTHWORK					
PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
120-73-100	ULTRA LIGHTWEIGHT AGGREGATE FILL	50.93			

SUMMARY OF PAVEMENT															
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION			SIDE	AREA ID	LENGTH	WIDTH	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION	P						F	P	F			
0160 4	TYPE B STABILIZATION	14+51.36 TO	14+56.53	NEW YORK AVENUE	LT	21763			SY	3		12			
		14+76.38 TO	14+88.60	NEW YORK AVENUE	RT	21770			SY	1					
		30+65.00 TO	30+81.85	MAIN STREET	LT	22092			SY	3					
		30+95.54 TO	30+95.54	MAIN STREET	LT	22101			SY	5					
285701	OPTIONAL BASE, BASE GROUP 01	30+60.00 TO	32+30.20	MAIN STREET	LT/RT	26977			SY	5		5			
0327 70 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	13+75.73 TO	14+90.57	NEW YORK AVENUE	LT	11109			SY	279		1127.0			
		30+60.00 TO	32+30.20	MAIN STREET	LT	20973			SY	848					
0337 7 83	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22	13+75.73 TO	14+90.57	NEW YORK AVENUE	LT/RT	26123			TN	23.0		93.4			
		30+60.00 TO	32+30.20	MAIN STREET	LT/RT	27151			TN	70.4					

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DATE	DESCRIPTION		DATE		DESCRIPTION		ROAD NO.					COUNTY	FINANCIAL PROJECT ID	30
							N/A					POLK	436656-1-52-01	
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SUMMARY OF GENERAL ITEMS												
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
		STA. TO STA.				P	F	P	F			
519 78	BOLLARDS	10+66.09	TO 14+42.01	LT	EA	9		9				
580 8 15	LANDSCAPE- TREE PRUNING/TRIMMING, MECHANICAL, 24" AND GREATER DBH	12+65.00	TO 13+93.00	LT	EA	2		2				

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS																
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION			SIDE	AREA ID	UNIT	QUANTITY					TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.						GROSS LENGTH	DEDUCTIONS		NET LENGTH		P	F		
									TYPE	LENGTH	P	F				
0520 2 4	CONCRETE CURB & GUTTER, TYPE D	12+75.05	TO	12+98.64	LT	28960		25			25		253			
		13+88.23	TO	14+03.78	LT	14982		67			67					
		14+33.15	TO	14+56.53	LT	14981		51			51					
		14+69.78	TO	14+88.60	RT	14972		23			23					
		30+65.00	TO	30+81.85	LT	14984		29			29					
		30+95.53	TO	31+46.66	LT	20990		58			58					

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS												
LOCATION	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
					0522	1	0522	2	0527	2		
STA. TO STA.					SY	SY	SF					
P					F	P	F	P	F			
10+63.35 TO 11+53.85	LT	21888			72							
10+76.10 TO 11+52.81	LT	29821			126							
12+76.98 TO 14+13.78	RT	21352			155							
13+13.60 TO 13+74.69	RT	29839			99							
14+41.41 TO 14+51.84	LT	21414			8							
14+59.78 TO 14+88.18	RT	21405			17							
30+65.00 TO 30+71.00	LT	21497			9							
31+03.03 TO 31+46.66	LT	21502			42							
13+76.23 TO 13+88.23	RT	21514					8					
14+03.78 TO 14+69.78	RT	14935					79					
14+46.83 TO 14+54.73	LT	15037					5					
14+69.78 TO 14+82.65	RT	21509					5					
30+71.00 TO 30+81.35	LT	21481					16					
30+96.04 TO 31+03.08	LT	21488					5					
10+63.35 TO 10+65.35	LT	21232							24			
13+76.23 TO 13+88.23	RT	21253							24			
14+48.49 TO 14+54.32	LT	21243							11			
14+73.31 TO 14+78.92	RT	21248							9			
30+72.34 TO 30+78.34	LT	21217							12			
30+79.29 TO 30+81.32	LT	21222							10			
30+96.04 TO 30+98.07	LT	21227							10			
31+29.46 TO 31+33.46	LT	21227							8			
SUB-TOTAL:					528.0		118.3		108.1			
TOTAL:					528		118		108			

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DATE	DESCRIPTION		DATE		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					N/A	POLK	436656-1-52-01		
									31

SUMMARY OF FENCING										
PAY ITEM NO.	DESCRIPTION	LOCATION	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.			P	F	P	F		
0550 10222	FENCING, TYPE B, 5.1- 6.0', W/ VINYL COATING	12+71.30 TO 13+83.06	RT	LF	147.8		210			
		14+02.32 TO 14+47.47	RT		62.3					

SUMMARY OF MONITOR EXISTING STRUCTURES										
SITE NO.	LOCATION	STRUCTURE USAGE	INSPECTION & SETTLEMENT MONITORING		VIBRATION MONITORING		GROUNDWATER MONITORING		DESIGN NOTES	CONSTRUCTION REMARKS
	ADDRESS AND/OR STA.		0108 1		0108 2		0108 3			
			LS		LS		LS			
			P	F	P	F	P	F		
1	CSX RAILROAD TRACKS-CSX CROSSING NUMBER:976925H RR MP: A 851.01	RAILROAD	X						MONITOR EXISITING TRACKS DURING PILE DRIVING AND POTENTIAL SHEET PILE INSTALLATION	
2	305 W MAIN STREET LAKELAND, FL 33815	PRIVATE BUSINESS	X		X				MONITOR EXISITING STRUCTURE DURING PILE DRIVING AND POTENTIAL SHEET PILE INSTALLATION	
3	115 S MISSOURI AVENUES LAKELAND, FL 33815	PRIVATE BUSINESS	X		X				MONITOR EXISITING STRUCTURE DURING PILE DRIVING AND POTENTIAL SHEET PILE INSTALLATION	
4	20 LAKE WIRE DRIVE LAKELAND, FL 33815	PRIVATE BUSINESS	X		X				MONITOR EXISITING STRUCTURE DURING PILE DRIVING AND POTENTIAL SHEET PILE INSTALLATION	
5	210 N MISSOURI AVENUES LAKELAND, FL 33815	PRIVATE BUSINESS	X		X				MONITOR EXISITING STRUCTURE DURING PILE DRIVING AND POTENTIAL SHEET PILE INSTALLATION	
TOTAL :			1		1					

THIS LIST INCLUDES EXISTING STRUCTURES (AS DETERMINED BY THE DEPARTMENT) LOCATED OUTSIDE THE LIMITS SPECIFIED IN ARTICLE 108-2 OF THE FDOT SPECIFICATIONS THAT ARE REQUIRED TO BE MONITORED. THIS LIST SHOULD NOT BE CONSIDERED ALL INCLUSIVE AND DOES NOT CONTAIN EXISTING STRUCTURES TO BE MONITORED THAT ARE LOCATED WITHIN THE DISTANCES SPECIFIED IN ARTICLE 108-2.

SUMMARY OF PERFORMANCE TURF								
LOCATION	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
					0570 1 2			
					SY			
					P	F		
13+75.73 TO 14+48.86	LT	21830			100.4			
14+01.78 TO 14+13.78	RT	21847			3.4			
14+59.78 TO 14+75.83	RT	21841			7.1			
SUB-TOTAL :					110.9			
TOTAL :					111			

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DATE	DESCRIPTION		DATE		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					N/A	POLK	436656-1-52-01		
									32